

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

10/26/2011

Matthew Feeney
Assistant District Attorney, Suffolk County

Dear ADA Feeney,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan, Lisa Glazer & Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Lisa Glazer & Daniel Renczkowski were the confirmatory chemists and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in cursive script, likely belonging to Annie Dookhan.

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Lisa A. Glazer

Education

Bachelor of Science Degree, CHEMISTRY January 2006

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Bachelor of Science Degree, FORENSIC SCIENCE January 2006

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus, Biology, Criminal Justice and Forensic Science courses

Employment

Chemist I, II State Laboratory Institute (May 2007-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2007.

Laboratory Technician I (August 2006 – May 2007)

University of Connecticut Chemistry Department - Storrs, CT

- Prepared unknowns, chemical reagents and supplies for undergraduate chemistry courses
- Set-up experiment demonstrations
- Properly disposed of hazardous waste from the experiments
- Made sure labs were being conducted safely
- Kept track of student laboratory paperwork, inventoried glassware and chemicals and helped clean glassware

Intern (September 2005 – November 2005)

CONNECTICUT STATE POLICE FORENSIC LABORATORY - Meriden, CT

- Worked on a Pyrolysis Gas Chromatography project
- Observed in the GSR testing, Forensic Biology, DNA, Questioned Documents, Black and White Photo, Latent Prints, Firearms, Trace Evidence and Color Photo Units

Trainings

Multijurisdictional Counterdrug Task Force Training (May 20, 2008)

Current Drug Trends – Methuen, MA

Multijurisdictional Counterdrug Task Force Training (May 6, 2009 - May 7, 2009)

Courtroom Testimony – Methuen, MA

DEA Forensic Chemist Seminar (June 21, 2010 - June 25, 2010)

Sterling, VA

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTLAB USE ONLY
ANALYSIS
NUMBER

Pills (Blue) Ecstasy

3

4.53g

Pills (Blue) Ecstasy

4

6.84g

CLASS B COCAINE

2 P/B

11.61g

MARIJUANA

1 P/B

7.19g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

No. [REDACTED] Date Analyzed: 4/13/11
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: 3.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 03/29/2011 No. Analyzed:
Gross Wt.: 4.53 Net Weight:
Tests: 18 ASD
• CexAG
Prelim: BZP Findings: Benzyl piperazine

No. [REDACTED] Date Analyzed: 4/13/11
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: 4.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 03/29/2011 No. Analyzed:
Gross Wt.: 6.84 Net Weight:
Tests: 12 ASD
• 4 DAG
Prelim: BZP Findings: Benzyl piperazine

No. [REDACTED] Date Analyzed: 4-8-11
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 2 Cont: pb
Date Rec'd: 03/29/2011 No. Analyzed:
Gross Wt.: 116.16 Net Weight: 104.4
Tests: 12 ASD
• 4 DJR
Prelim: Cocaine Findings: Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY

Boston

ANALYST

ASDNo. of samples tested: 3

Evidence Wt. _____

PHYSICAL DESCRIPTION:3 blue round tablets1 RB

Gross Wt (): _____

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 1.31953 analyzed.**PRELIMINARY TESTS**Spot Tests

Cobalt
3 Thiocyanate (-) -
3 Marquis -
3 Froehde's -
3 Mecke's -

Microcrystalline Tests

Gold
Chloride _____
TLTA () _____

OTHER TESTS

3 Dille = -
3 GC = +

PRELIMINARY TEST RESULTSRESULTS Benzylpiperazine (BZP)DATE 04-04-11**GC/MS CONFIRMATORY TEST**RESULTS BZPMS
OPERATOR LAGDATE 4-13-11

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Rosier ANALYST ASJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

4 blue round tablet
12 - ps

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 1.7803



2 analyzed

PRELIMINARY TESTS

Spot Tests

Cobalt
2 Thiocyanate (-)-
2 Marquis -
2 Froehde's -
2 Mecke's -

Microcrystalline Tests

Gold
Chloride
TLTA ()

OTHER TESTS

2016 = -
2GC = +

PRELIMINARY TEST RESULTS

RESULTS Benzylpiperazine (BZP)

DATE 04-04-11

GC/MS CONFIRMATORY TEST

RESULTS BZP

MS
OPERATOR LAG

DATE 4-13-11

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston. ANALYST ADJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

off white + white powdered
+ chunky substance in 2 pbs

Gross Wt (2): 112.4

Gross Wt ():

Pkg. Wt:

Net Wt:

Mettler AB104 1117132502
Ohaus N10110 1125493269

PRELIMINARY TESTS

Spot Tests

2 Cobalt Thiocyanate () + 2 +
2 Marquis - -
2 Froehde's - -
2 Mecke's - -

Microcrystalline Tests

2 Gold Chloride 1 2 + +
2 TLTA () + 2 +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 04-02-11

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS OPERATOR DSR

DATE 4-8-11

Sample #: [REDACTED]

samples tested: 2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	61.2	13.9	47.3	26	cherry		
2	61.3	14.2	37.1	27	powdered		
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

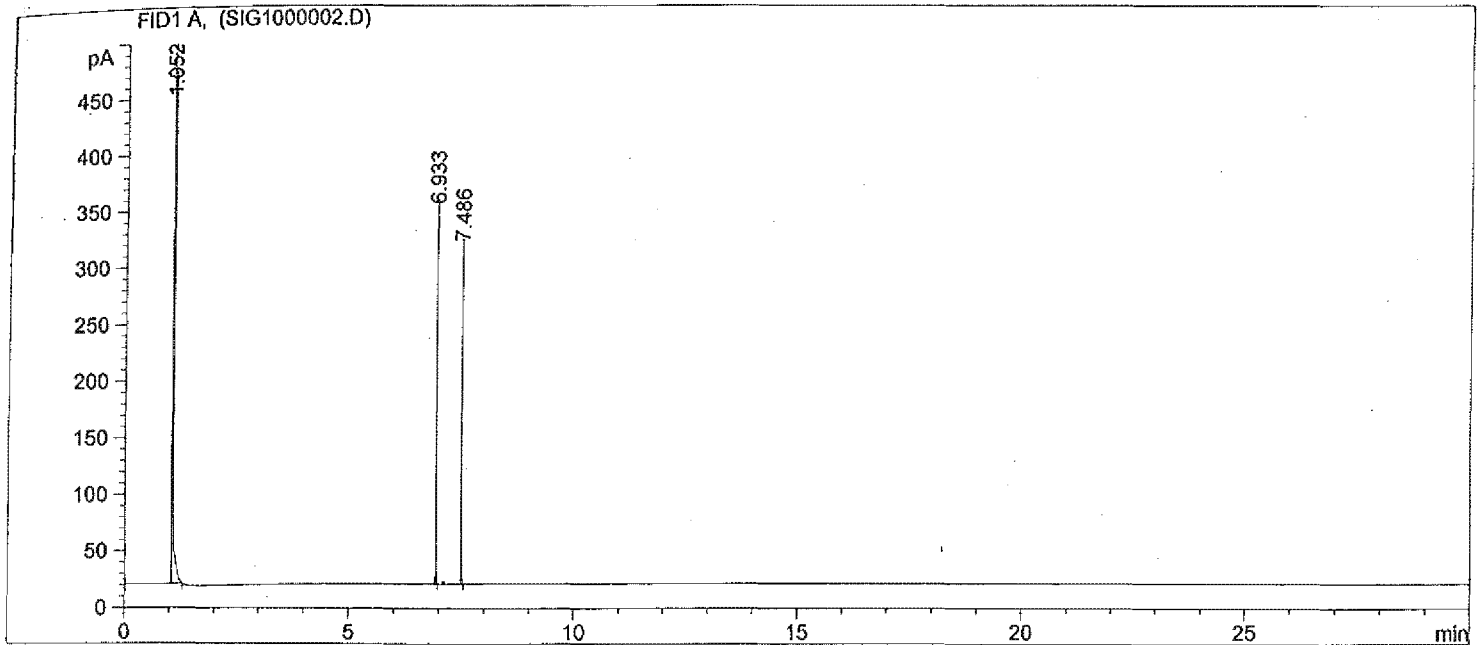
Calculations:

Net wt = 104.4

=====

Acq. Operator	: ASD	Seq. Line	: 2
Acq. Instrument	: DrugLab GC #2	Location	: Vial 2
Injection Date	: 4/5/2011 1:19:42 PM	Inj	: 1
		Inj Volume	: 1 µl
Sequence File	: C:\CHEM32\1\SEQUENCE\DEFAULT.S		
Method	: C:\CHEM32\1\METHODS\GENSCAN.M		
Last changed	: 3/9/2011 1:49:11 PM by ASD		

=====



=====
Area Percent Report
=====

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Sample Amount: : 1.00000 [ng/ul] (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

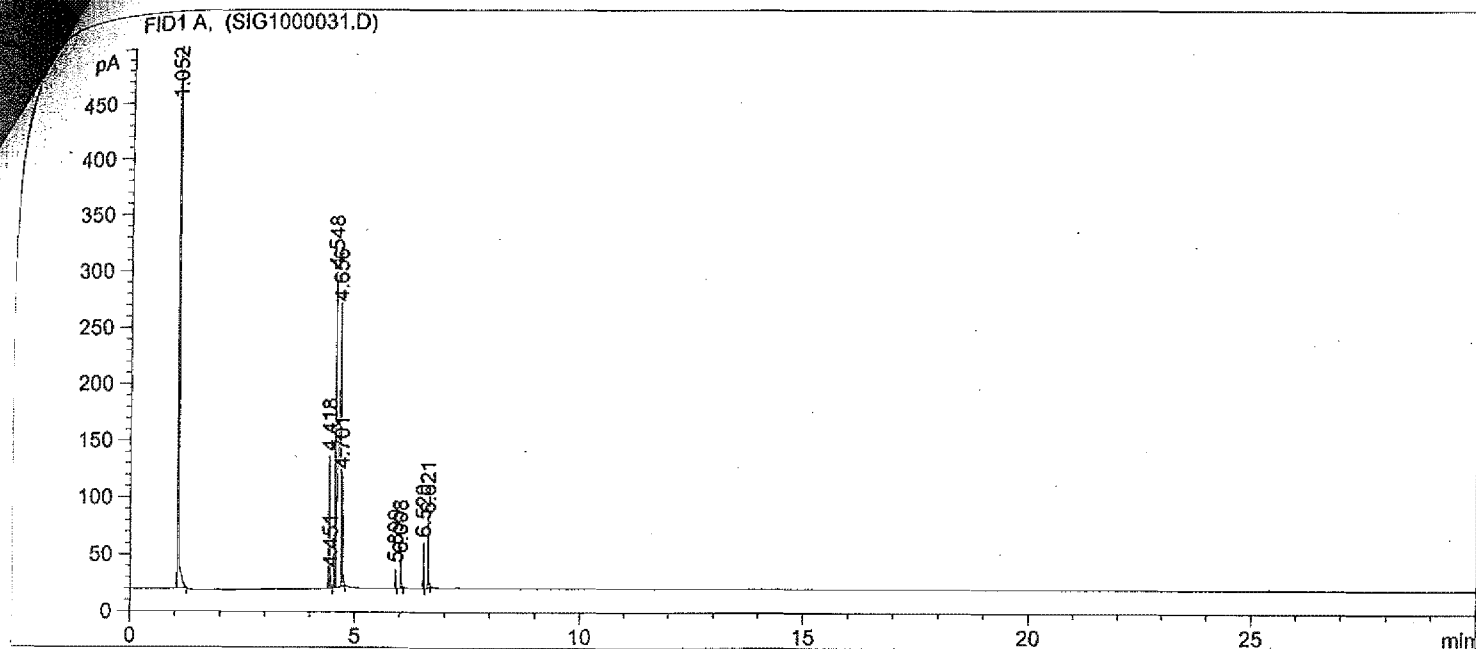
Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.052	1	BB S	7.15508e4	7.15850e4	99.31732
2	6.933	1	BB	251.99854	330.76407	0.34979
3	7.486	1	BB	239.82230	296.90231	0.33289

Totals : 7.20426e4 7.22127e4

=====
*** End of Report ***

```
=====
: ASD                               Seq. Line : 31
: DrugLab GC #2                     Location : Vial 31
: 4/6/2011 6:11:12 AM               Inj : 1
:                                     Inj Volume : 1 µl
File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
      : C:\CHEM32\1\METHODS\GENSCAN.M
Changed : 3/9/2011 1:49:11 PM by ASD
=====
```



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Area Percent Report
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```
Sorted By      :      Retention Time
Multiplier:    :      1.0000
Dilution:      :      1.0000
Sample Amount: :      1.00000 [ng/ul] (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.052	1	BB S	7.48054e4	7.35661e4	97.72955
2	4.418	1	BV	160.13983	115.49718	0.20921
3	4.451	1	VB	21.26079	13.35851	0.02778
4	4.548	1	BV	310.91702	276.42090	0.40620
5	4.656	1	VV	966.59216	246.78555	1.26280
6	4.701	1	VB	143.02545	98.11450	0.18686
7	5.899	1	BB	14.06514	17.32661	0.01838
8	6.008	1	BB	29.52539	25.66834	0.03857
9	6.520	1	BB	32.98602	40.00987	0.04309
10	6.621	1	BB	59.36581	60.70400	0.07756

Totals : 7.65433e4 7.44600e4

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Operator : ASD Seq. Line : 32

Instrument : DrugLab GC #2 Location : Vial 32

Injection Date : 4/6/2011 6:45:59 AM Inj : 1

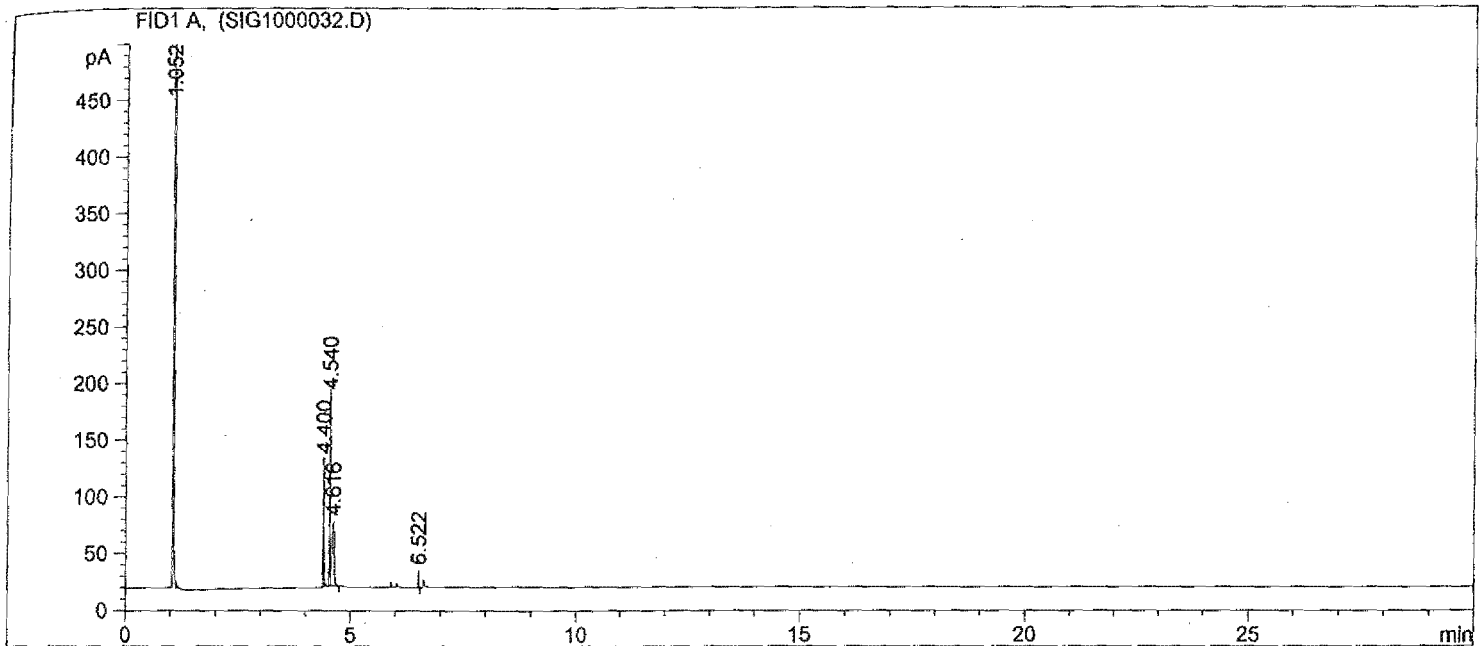
Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\GENSCAN.M

Last changed : 3/9/2011 1:49:11 PM by ASD

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Area Percent Report

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Sorted By : Retention Time

Multiplier: : 1.0000

Dilution: : 1.0000

Sample Amount: : 1.00000 [ng/ul] (not used in calc.)

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

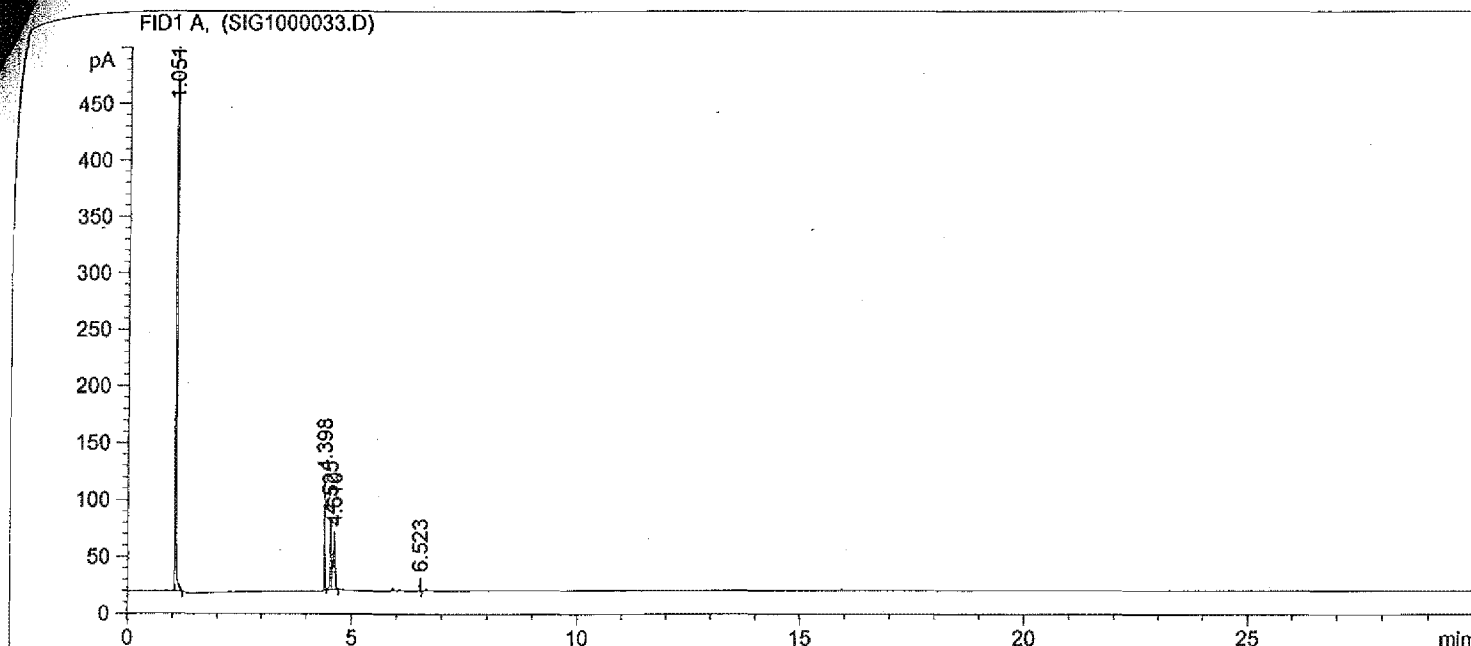
Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.052	1	BB S	7.29919e4	7.18343e4	99.32606
2	4.400	1	BB	102.75768	112.25941	0.13983
3	4.540	1	BV	184.06476	167.65198	0.25047
4	4.616	1	VB	195.64566	56.60374	0.26623
5	6.522	1	BB	12.79244	15.04022	0.01741

Totals : 7.34872e4 7.21859e4

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*** End of Report ***

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=====
Operator   : ASD                      Seq. Line :   33
Instrument : DrugLab GC #2           Location  : Vial 33
Ion Date  : 4/6/2011 7:20:45 AM      Inj       :    1
                                           Inj Volume: 1 µl
Reference File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method        : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed  : 3/9/2011 1:49:11 PM by ASD
=====
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Area Percent Report
=====

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:      :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.051	1	BB S	7.25360e4	7.24057e4	99.49011
2	4.398	1	BB	92.81843	99.70877	0.12731
3	4.525	1	BV	127.66615	61.15521	0.17511
4	4.610	1	VB	140.85707	50.86171	0.19320
5	6.523	1	BB	10.40906	11.58807	0.01428

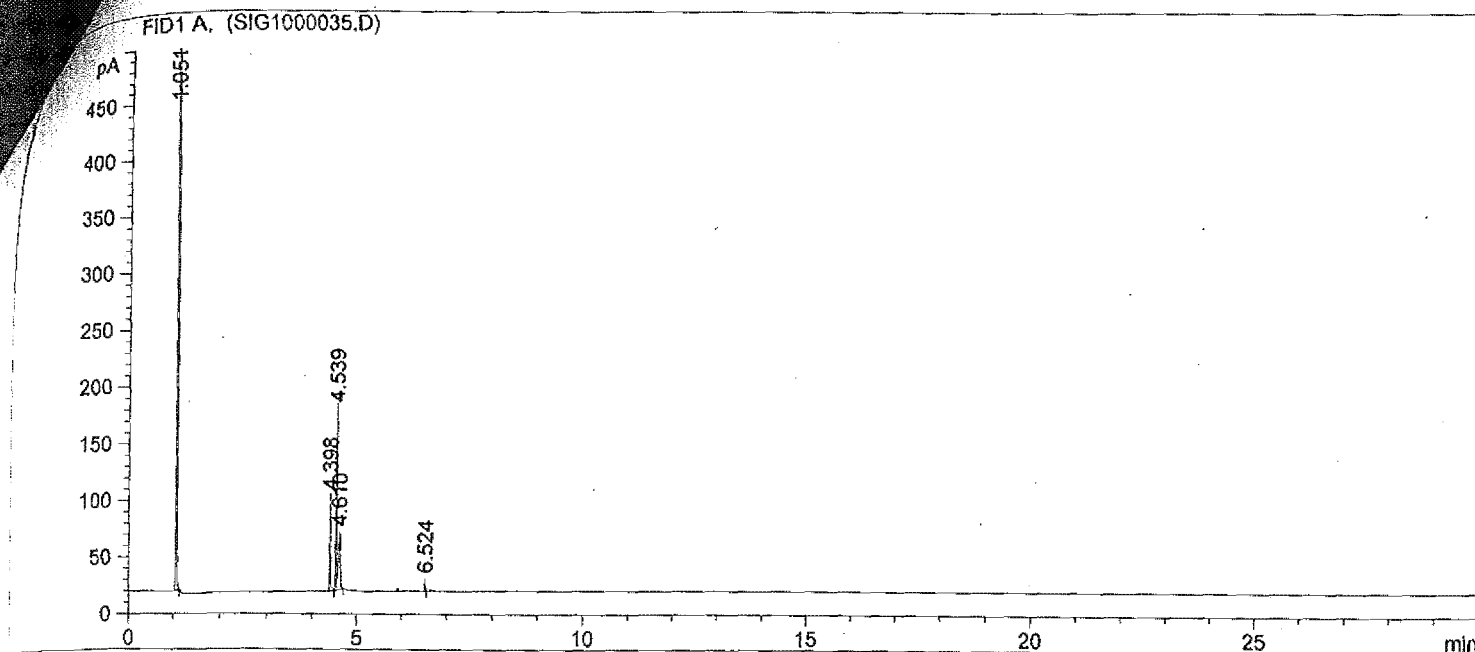
Totals : 7.29078e4 7.26290e4

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*** End of Report ***

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=====
: ASD                      Seq. Line : 35
ment : DrugLab GC #2       Location : Vial 35
date : 4/6/2011 8:30:19 AM Inj : 1
                               Inj Volume : 1 µl
File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
      : C:\CHEM32\1\METHODS\GENSCAN.M
Changed : 3/9/2011 1:49:11 PM by ASD
=====

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=====
                        Area Percent Report
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Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:      :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

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Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.051	1	BB S	7.16437e4	7.21984e4	99.37370
2	4.398	1	BB	86.99173	84.16212	0.12066
3	4.539	1	BV	204.57262	161.40688	0.28375
4	4.610	1	VB	149.54288	51.18174	0.20742
5	6.524	1	BB	10.42792	11.17732	0.01446

```
Totals :                7.20952e4  7.25063e4
```

```

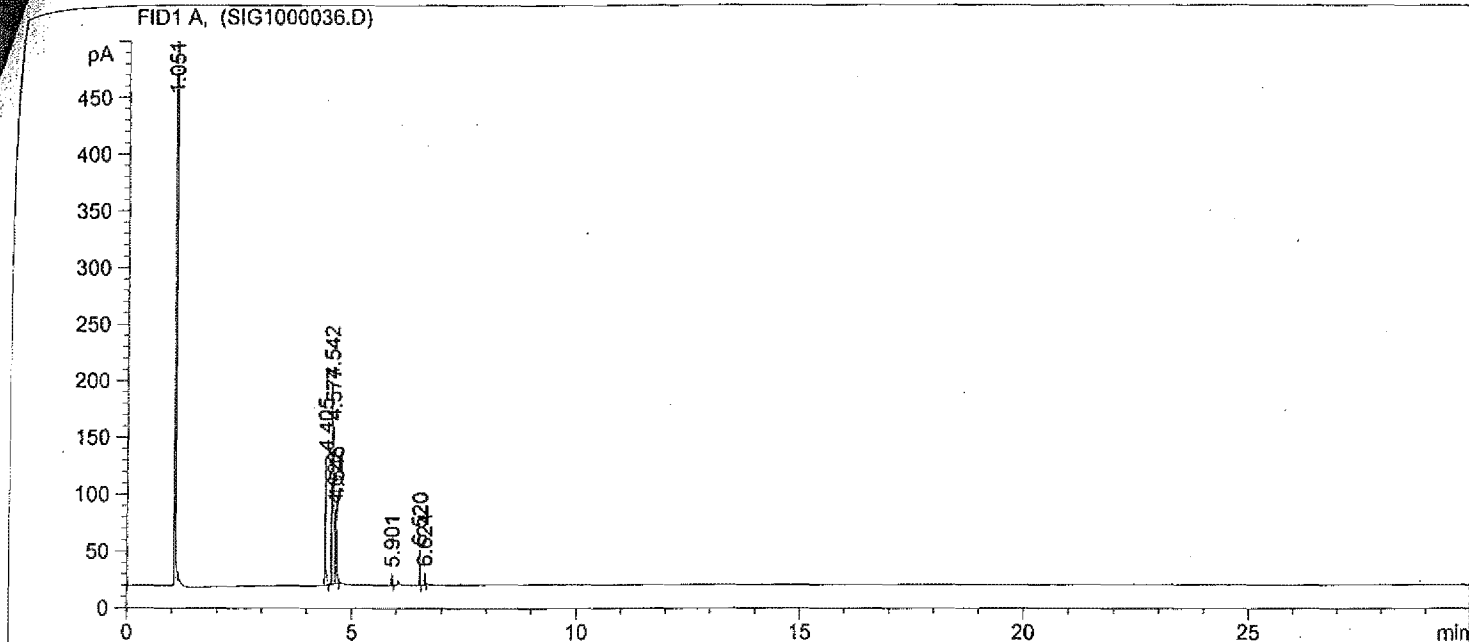
=====
*** End of Report ***

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=====
Operator       : ASD                      Seq. Line :   36
Instrument     : DrugLab GC #2           Location  : Vial 36
Injection Date : 4/6/2011 9:05:06 AM    Inj       :    1
                                           Inj Volume: 1 µl
Reference File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method        : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed  : 3/9/2011 1:49:11 PM by ASD
=====

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=====
                        Area Percent Report
=====

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Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Sample Amount:      :      1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

```

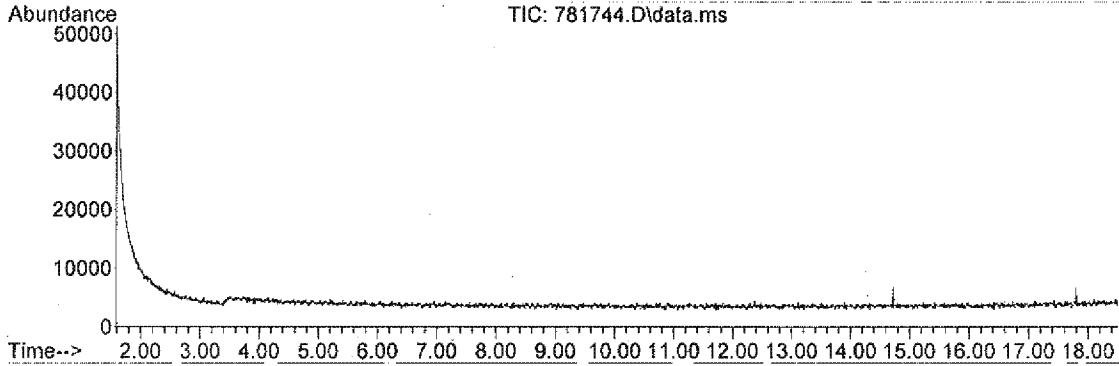
Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.051	1	BB S	7.33777e4	6.97060e4	98.92309
2	4.405	1	BB	127.39049	112.95361	0.17174
3	4.542	1	BV	159.71074	176.06677	0.21531
4	4.577	1	VV	233.90207	139.01353	0.31533
5	4.622	1	VV	112.53146	64.84814	0.15171
6	4.646	1	VB	115.80717	68.67573	0.15612
7	5.901	1	BB	10.36591	10.50843	0.01397
8	6.520	1	BB	24.88727	29.72640	0.03355
9	6.624	1	BB	14.21751	10.93385	0.01917

Totals : 7.41765e4 7.03188e4

Information from Data File:

File Name : J:\04_11_11\781744.D
Operator : ASD
Date Acquired : 11 Apr 2011 23:47
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE



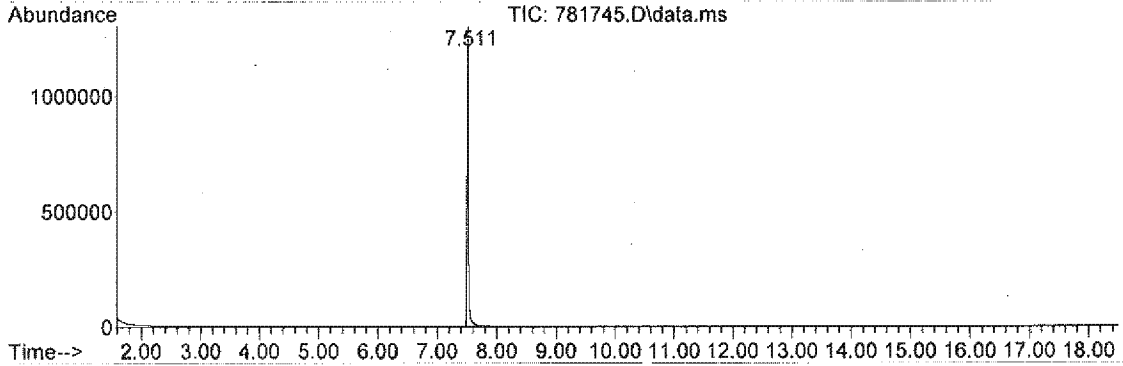
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Handwritten signature
10/21/11

Information from Data File:

File Name : J:\04_11_11\781745.D
 Operator : ASD
 Date Acquired : 12 Apr 2011 00:08
 Sample Name : BENZYLPIPERAZINE STD
 Submitted by : ASD
 Vial Number : 9
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



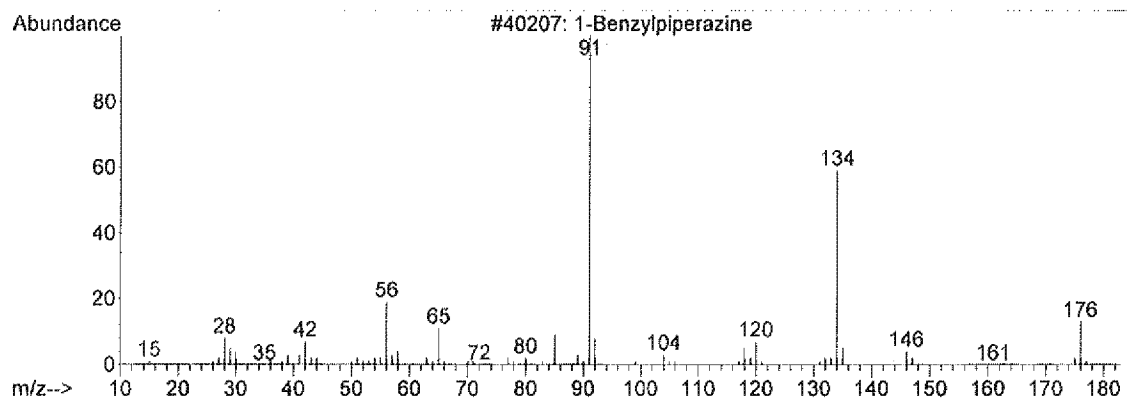
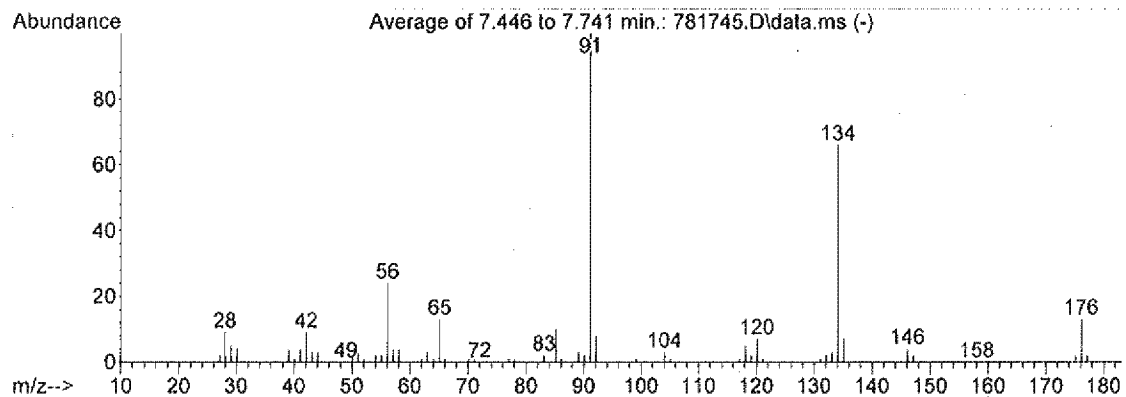
Ret. Time	Area	Area %	Ratio %
7.511	2291031	100.00	100.00

Information from Data File:

File Name : J:\04_11_11\781745.D
Operator : ASD
Date Acquired : 12 Apr 2011 00:08
Sample Name : BENZYLPIPERAZINE STD
Submitted by : ASD
Vial Number : 9
AcquisitionMeth: TFMPP.M
Integrator : RTE

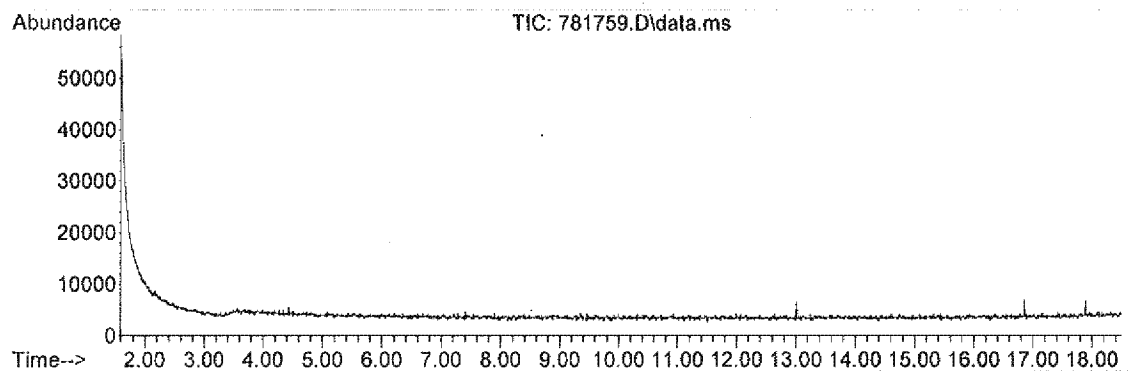
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.51	C:\Database\NIST05a.L		
		1-Benzylpiperazine	002759-28-6	96
		1-Benzylpiperazine	002759-28-6	95
		Benzene, (2-methoxyethenyl)-, (Z)-	014371-19-8	47



Information from Data File:

File Name : J:\04_11_11\781759.D
Operator : ASD
Date Acquired : 12 Apr 2011 5:09
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE

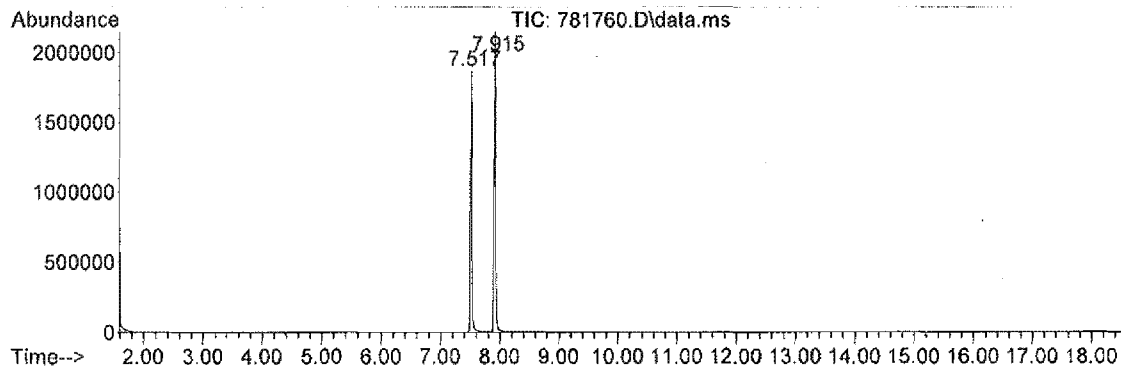


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : J:\04_11_11\781760.D
Operator : ASD
Date Acquired : 12 Apr 2011 5:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 60
AcquisitionMeth: TFMPP.M
Integrator : RTE



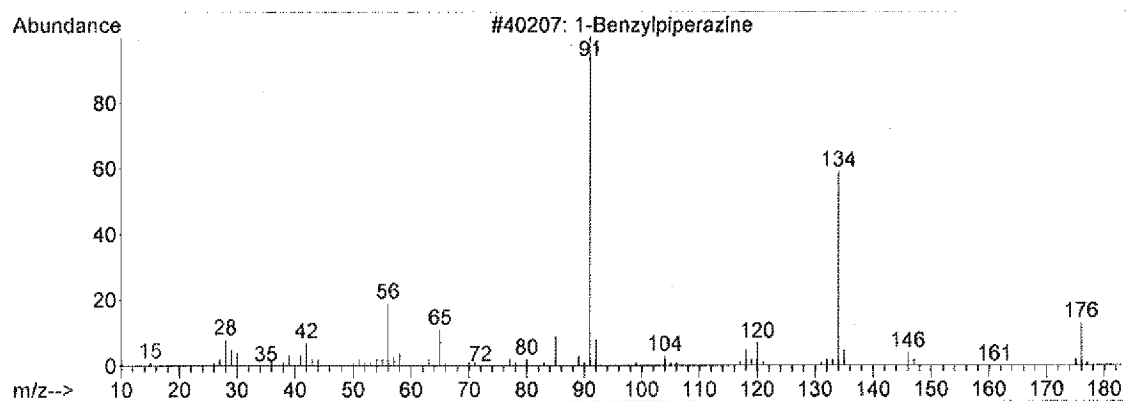
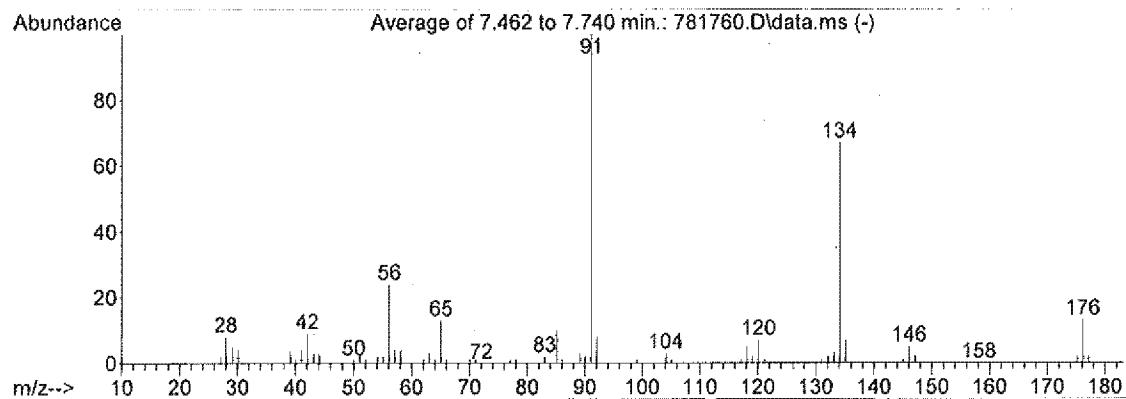
Ret. Time	Area	Area %	Ratio %
7.517	3442328	45.53	83.58
7.915	4118654	54.47	100.00

Information from Data File:

File Name : J:\04_11_11\781760.D
Operator : ASD
Date Acquired : 12 Apr 2011 5:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 60
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.52	C:\Database\NIST05a.L		
		1-Benzylpiperazine	002759-28-6	96
		1-Benzylpiperazine	002759-28-6	95
		Benzene, (2-methoxyethenyl)-, (Z)-	014371-19-8	47

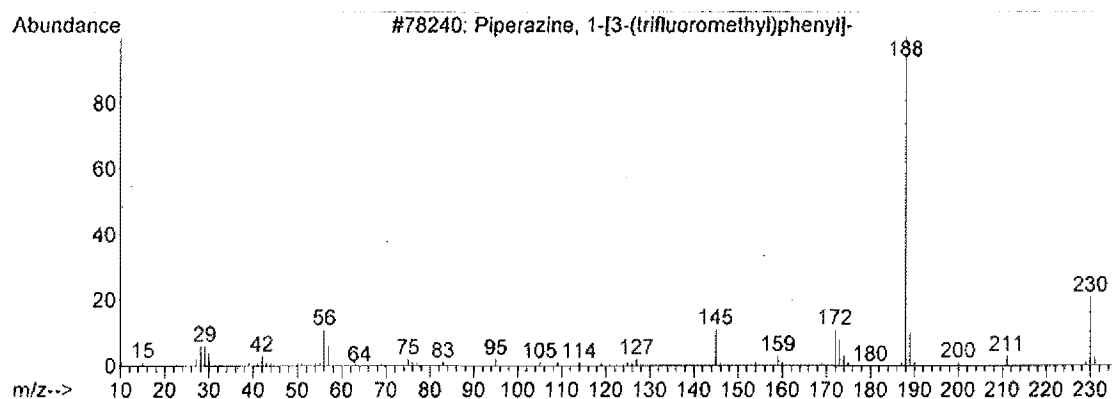
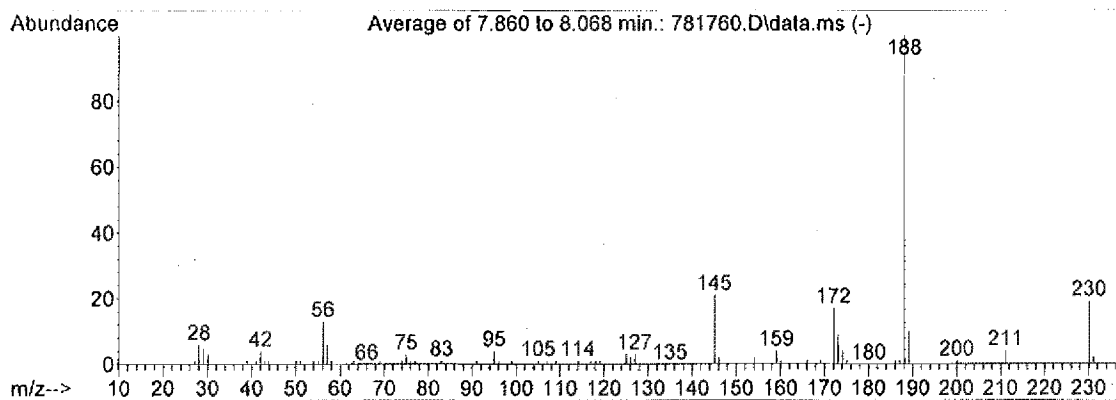


Information from Data File:

File Name : J:\04_11_11\781760.D
Operator : ASD
Date Acquired : 12 Apr 2011 5:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 60
AcquisitionMeth: TFMPP.M
Integrator : RTE

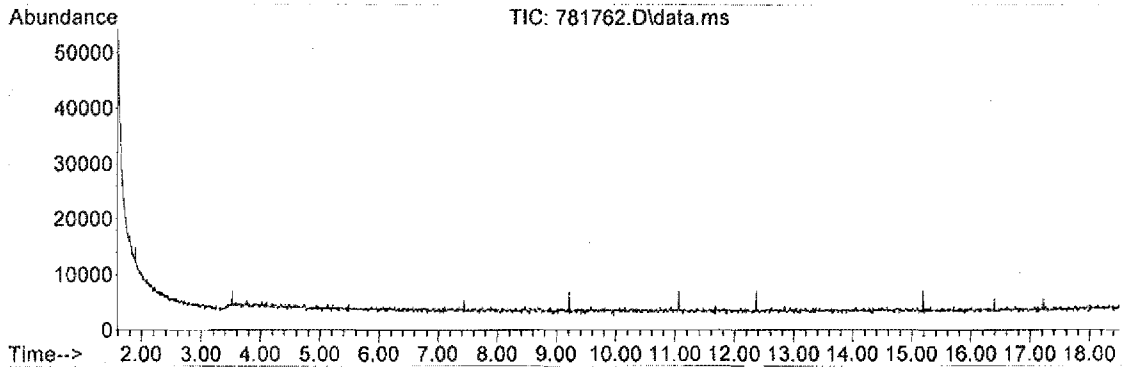
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.92	C:\Database\NIST05a.L		
		Piperazine, 1-[3-(trifluoromethyl)p	015532-75-9	95
		5-(2,4-Dimethyl-phenyl)-2H-pyrazol-	1000274-91-6	64
		4-Fluoro-6-methyl-2-phenylpyrimidin	051421-92-2	49



Information from Data File:

File Name : J:\04_11_11\781762.D
Operator : ASD
Date Acquired : 12 Apr 2011 6:13
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE

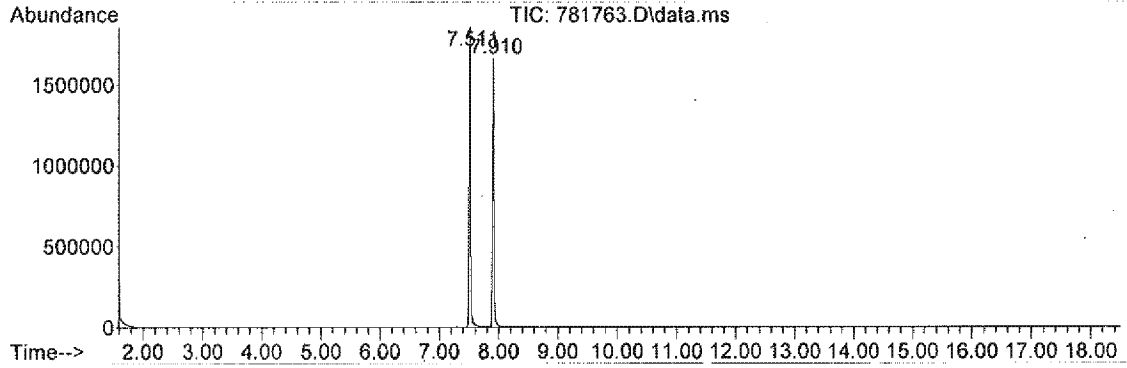


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : J:\04_11_11\781763.D
Operator : ASD
Date Acquired : 12 Apr 2011 6:35
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 63
AcquisitionMeth: TFMPP.M
Integrator : RTE



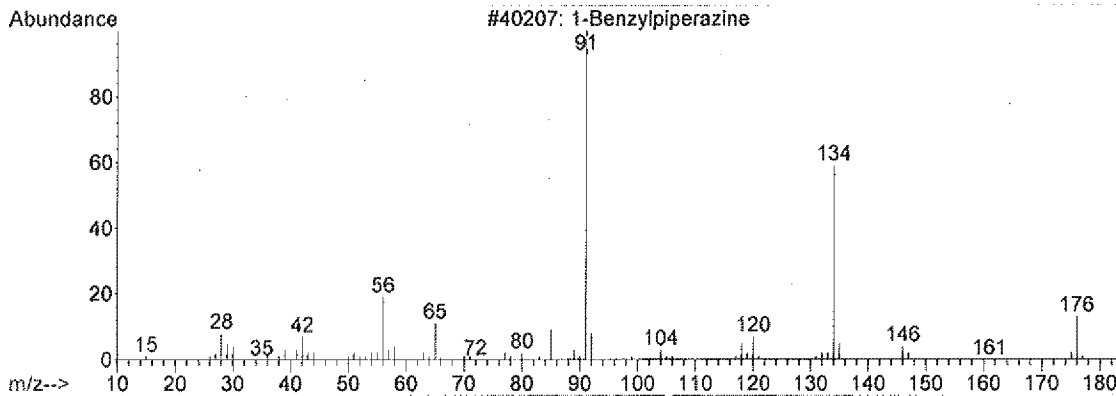
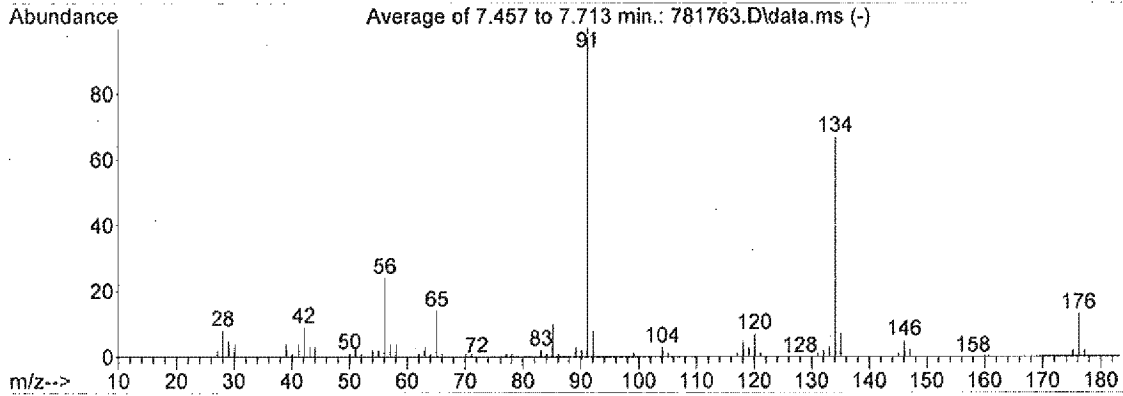
Ret. Time	Area	Area %	Ratio %
7.511	3325087	52.90	100.00
7.910	2960568	47.10	89.04

Information from Data File:

File Name : J:\04_11_11\781763.D
Operator : ASD
Date Acquired : 12 Apr 2011 6:35
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 63
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.51	C:\Database\NIST05a.L		
		1-Benzylpiperazine	002759-28-6	96
		1-Benzylpiperazine	002759-28-6	95
		Benzene, (2-methoxyethenyl)-, (Z)-	014371-19-8	47

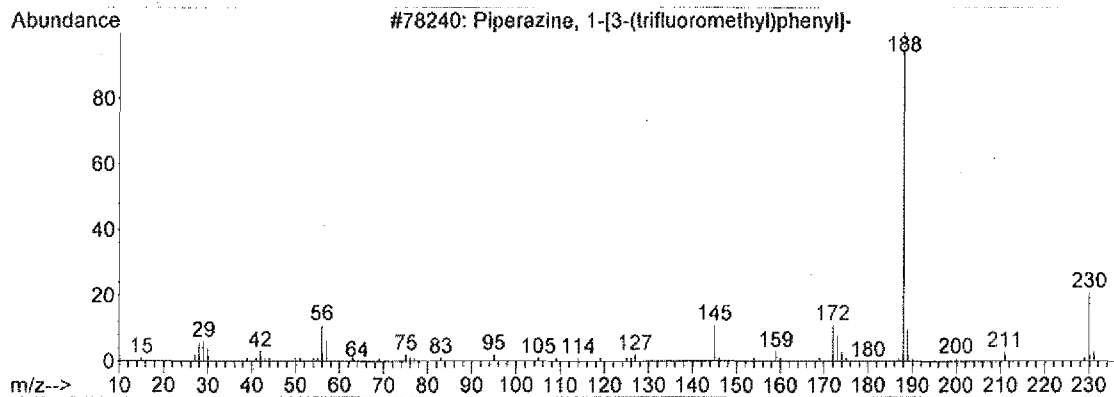
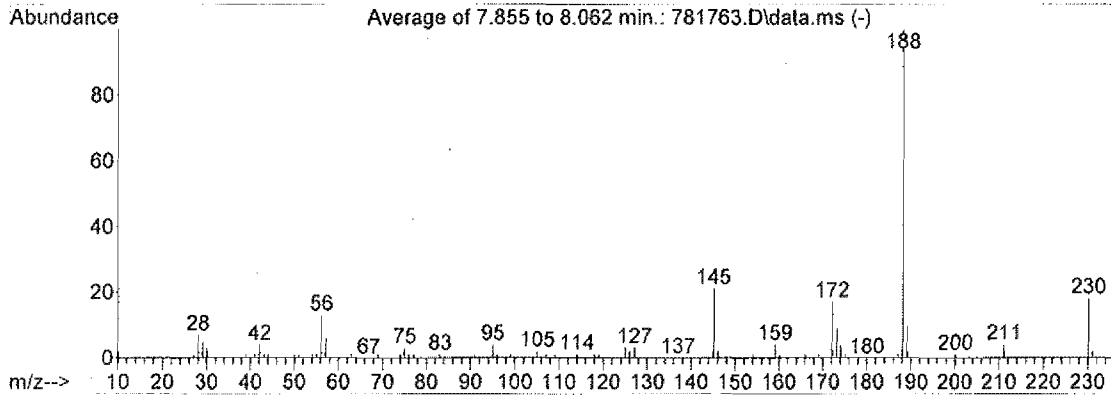


Information from Data File:

File Name : J:\04_11_11\781763.D
Operator : ASD
Date Acquired : 12 Apr 2011 6:35
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 63
AcquisitionMeth: TFMPP.M
Integrator : RTE

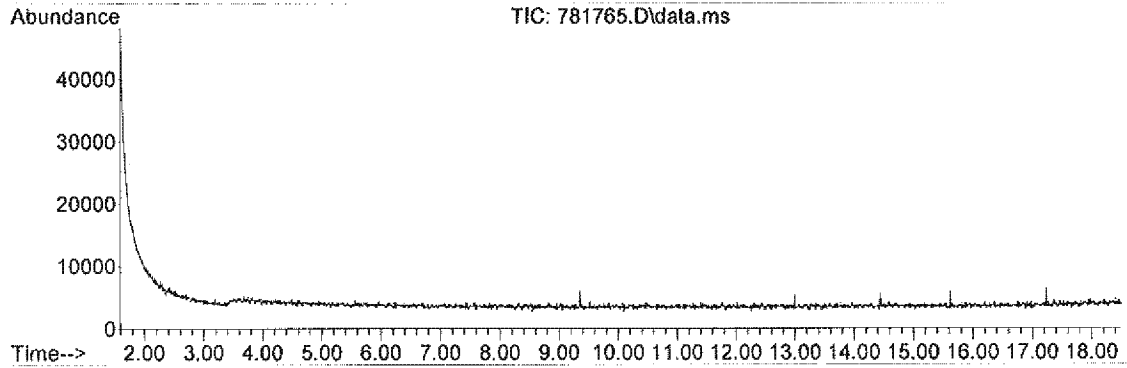
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.91	C:\Database\NIST05a.L		
		Piperazine, 1-[3-(trifluoromethyl)p	015532-75-9	96
		5-(2,4-Dimethyl-phenyl)-2H-pyrazol-	1000274-91-6	64
		Naphthalene, 2,3-dimethoxy-	010103-06-7	42



Information from Data File:

File Name : J:\04_11_11\781765.D
Operator : ASD
Date Acquired : 12 Apr 2011 7:17
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE

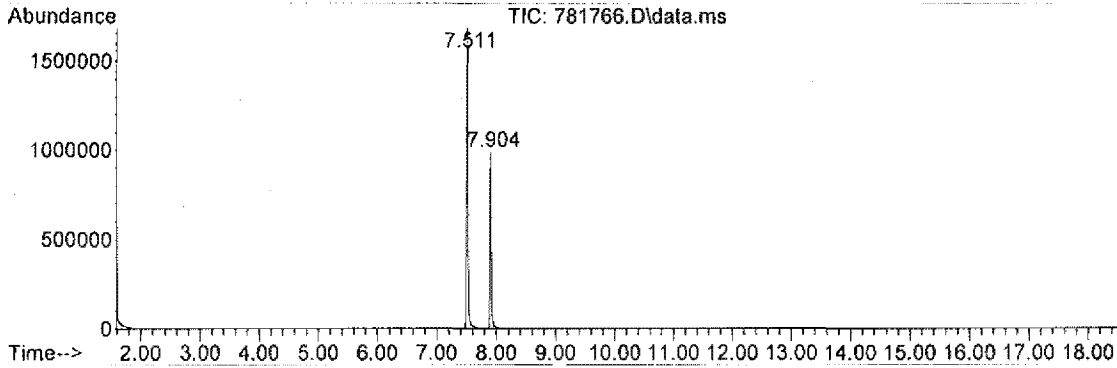


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : J:\04_11_11\781766.D
Operator : ASD
Date Acquired : 12 Apr 2011 7:39
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 66
AcquisitionMeth: TFMPP.M
Integrator : RTE



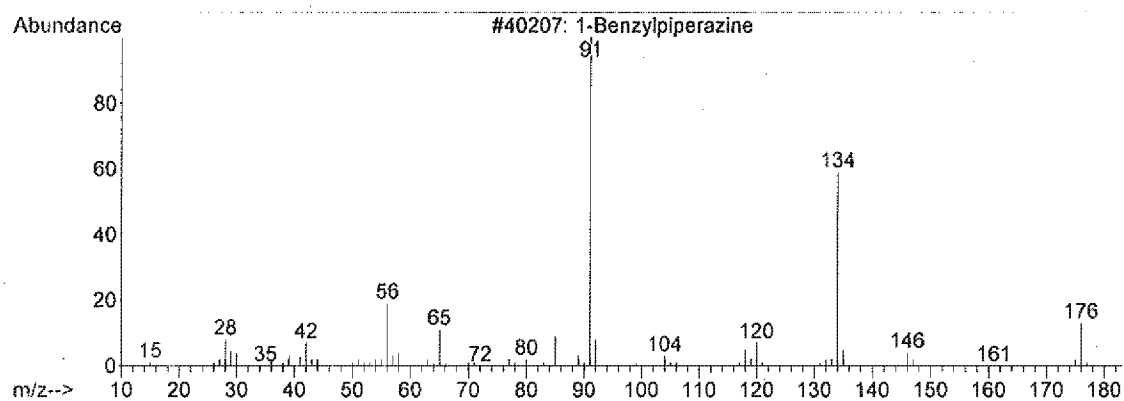
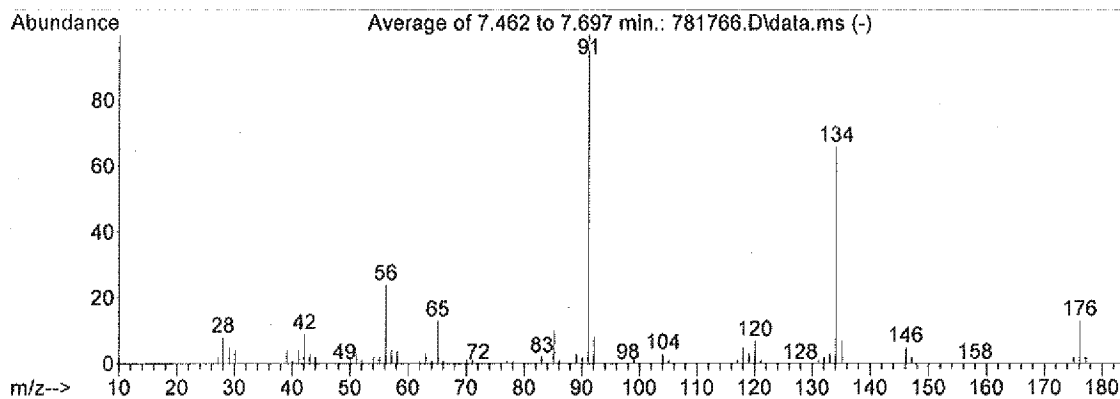
Ret. Time	Area	Area %	Ratio %
7.511	2881865	64.29	100.00
7.904	1600754	35.71	55.55

Information from Data File:

File Name : J:\04_11_11\781766.D
Operator : ASD
Date Acquired : 12 Apr 2011 7:39
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 66
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.51	C:\Database\NIST05a.L		
		1-Benzylpiperazine	002759-28-6	96
		1-Benzylpiperazine	002759-28-6	95
		Benzene, (2-methoxyethenyl)-, (Z)-	014371-19-8	47

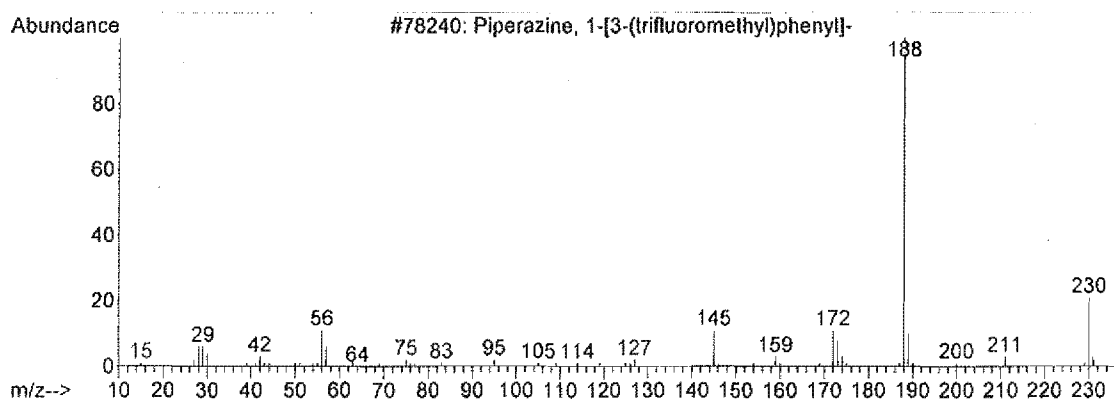
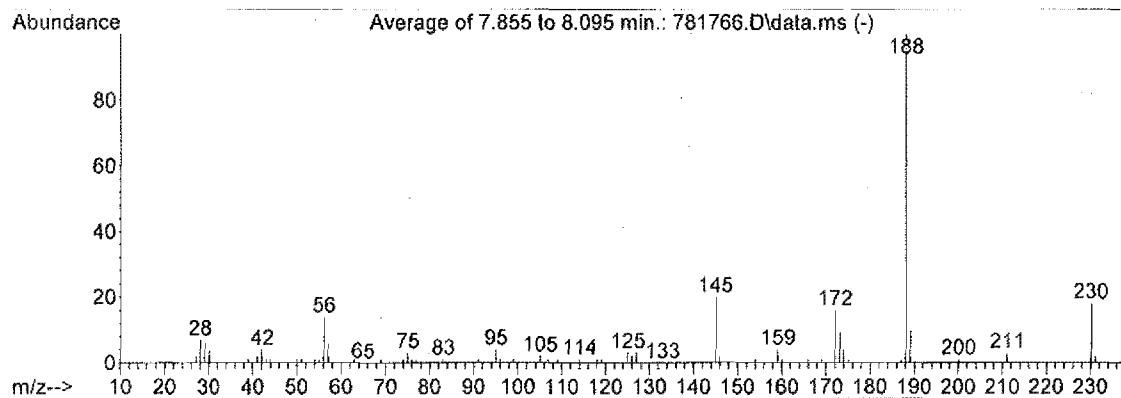


Information from Data File:

File Name : J:\04_11_11\781766.D
Operator : ASD
Date Acquired : 12 Apr 2011 7:39
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 66
AcquisitionMeth: TFMPP.M
Integrator : RTE

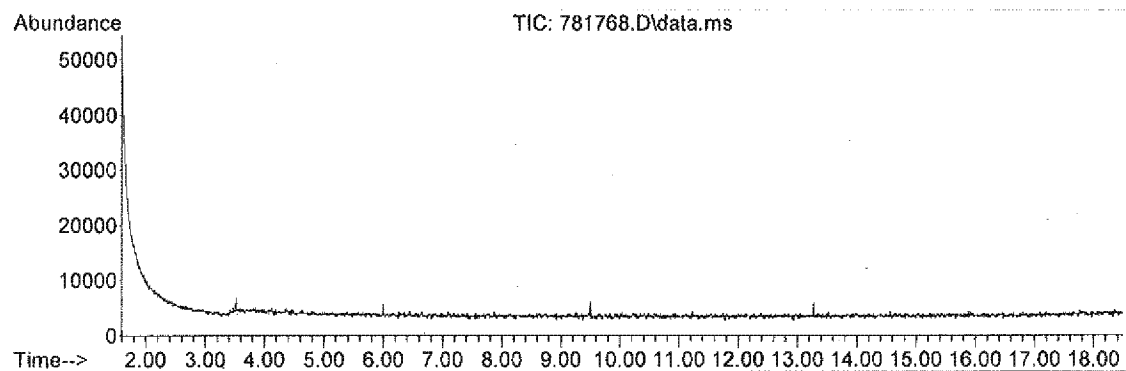
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.90	C:\Database\NIST05a.L		
		Piperazine, 1-[3-(trifluoromethyl)p	015532-75-9	95
		5-(2,4-Dimethyl-phenyl)-2H-pyrazol-	1000274-91-6	59
		2-Acetylamino-3-amino-1,4-naphthoqu	013755-96-9	50



Information from Data File:

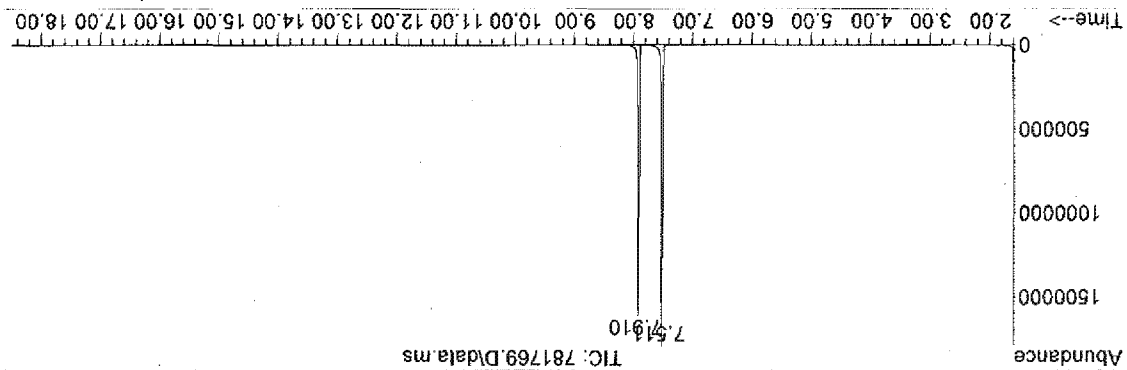
File Name : J:\04_11_11\781768.D
Operator : ASD
Date Acquired : 12 Apr 2011 8:22
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:
 File Name : J:\04_11_11\781769.D
 Operator : ASD
 Date Acquired : 12 Apr 2011 8:43
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 69
 AcquisitionMeth: TFMPP.M
 Integrator : RTE



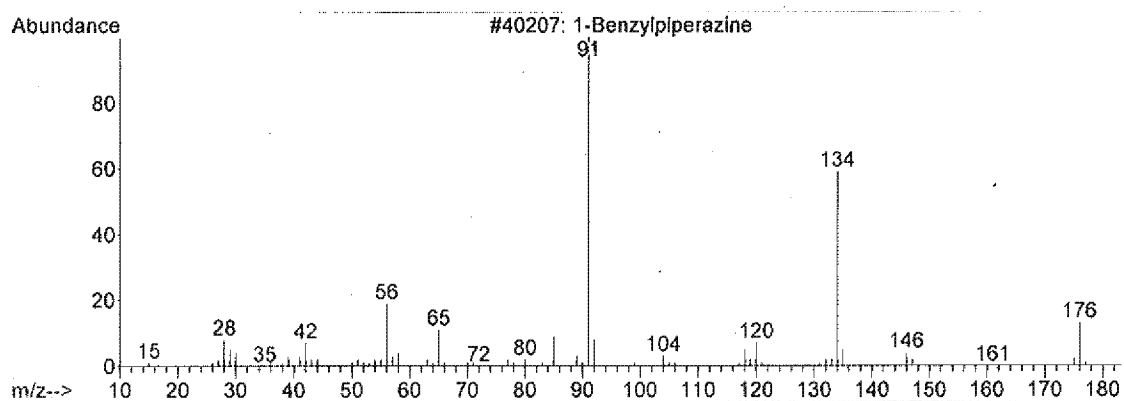
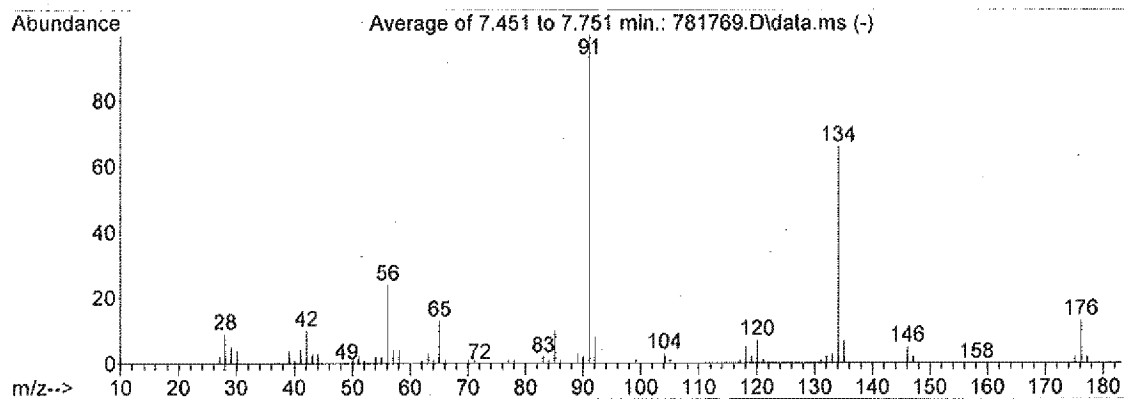
Ret. Time	Area	Area %	Ratio %
7.511	3243344	53.16	100.00
7.910	2857392	46.84	88.10

Information from Data File:

File Name : J:\04_11_11\781769.D
Operator : ASD
Date Acquired : 12 Apr 2011 8:43
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 69
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.51	C:\Database\NIST05a.L		
		1-Benzylpiperazine	002759-28-6	96
		1-Benzylpiperazine	002759-28-6	95
		Benzene, (2-methoxyethenyl)-, (Z)-	014371-19-8	47

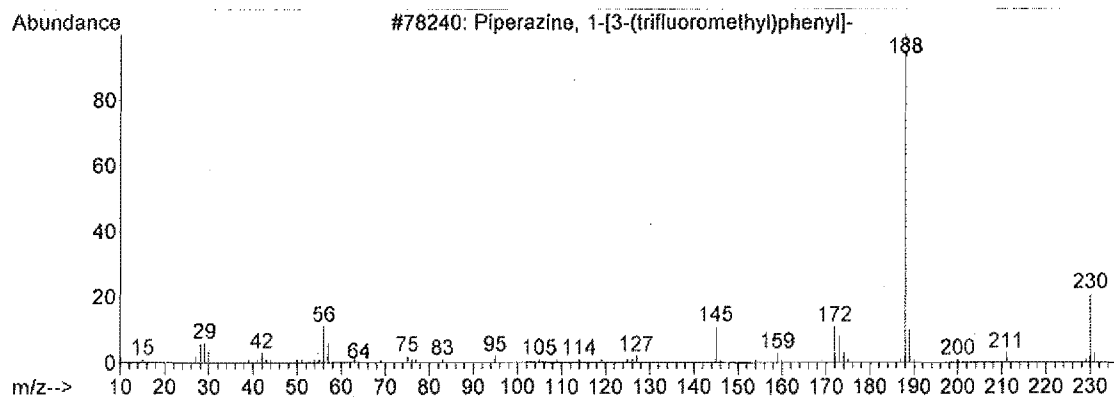
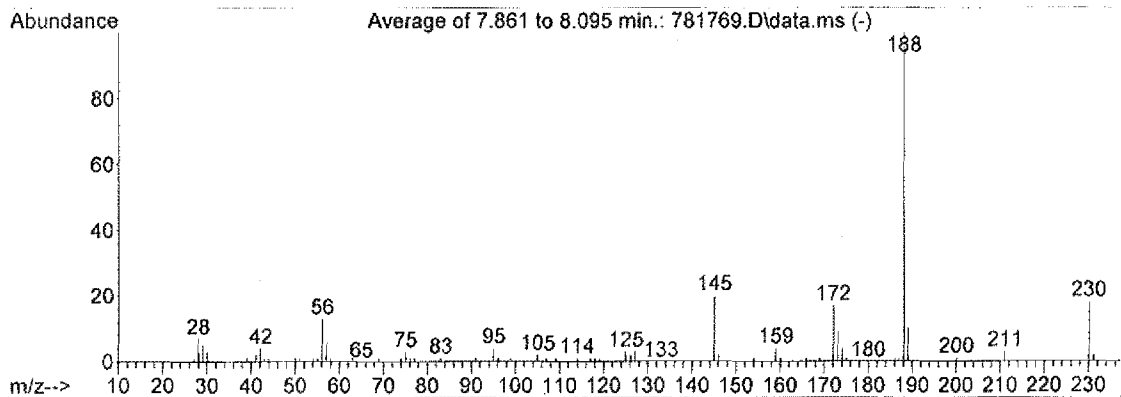


Information from Data File:

File Name : J:\04_11_11\781769.D
Operator : ASD
Date Acquired : 12 Apr 2011 8:43
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 69
AcquisitionMeth: TFMPP.M
Integrator : RTE

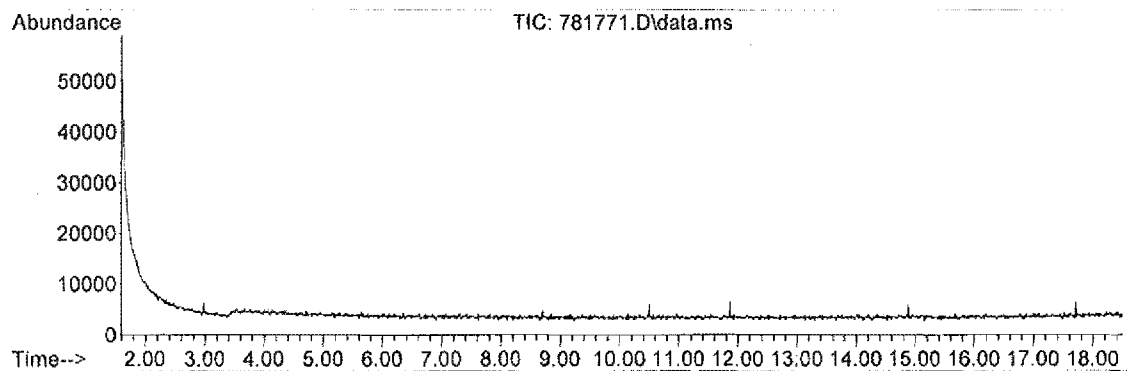
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.91	C:\Database\NIST05a.L		
		Piperazine, 1-[3-(trifluoromethyl)p	015532-75-9	96
		5-(2,4-Dimethyl-phenyl)-2H-pyrazol-	1000274-91-6	64
		Naphthalene, 2,3-dimethoxy-	010103-06-7	42



Information from Data File:

File Name : J:\04_11_11\781771.D
Operator : ASD
Date Acquired : 12 Apr 2011 9:26
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE

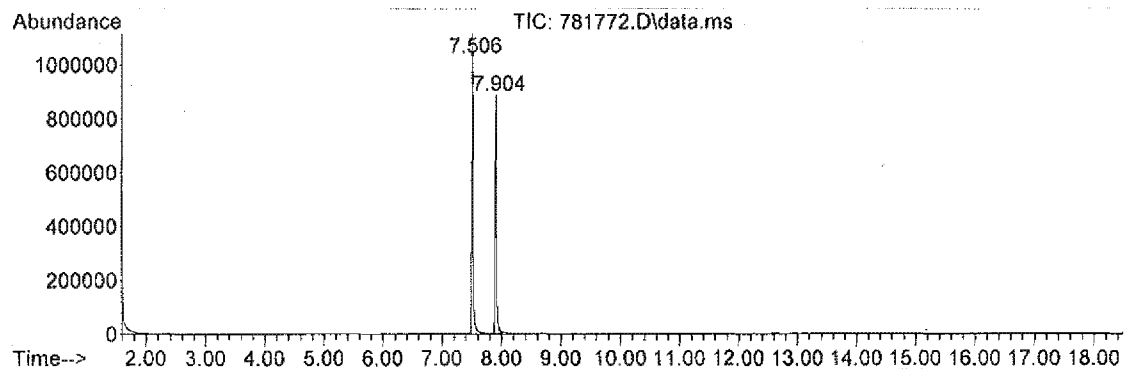


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : J:\04_11_11\781772.D
Operator : ASD
Date Acquired : 12 Apr 2011 9:47
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 72
AcquisitionMeth: TFMPP.M
Integrator : RTE



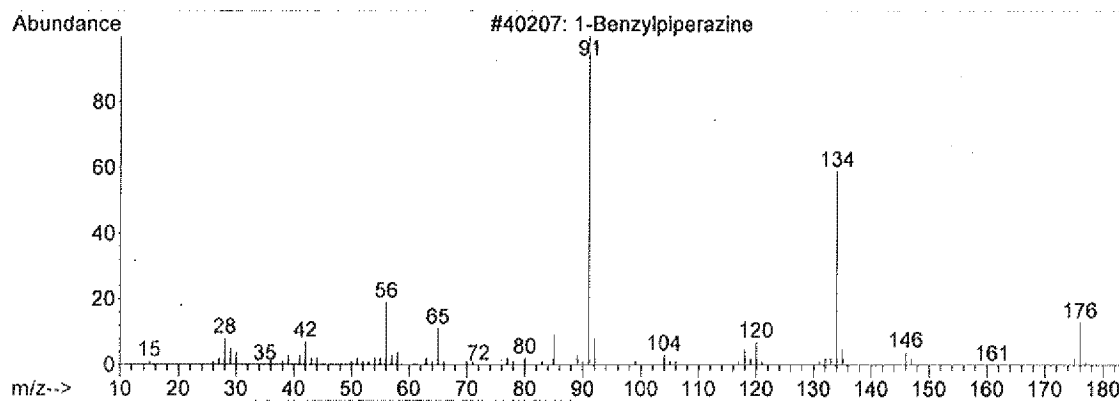
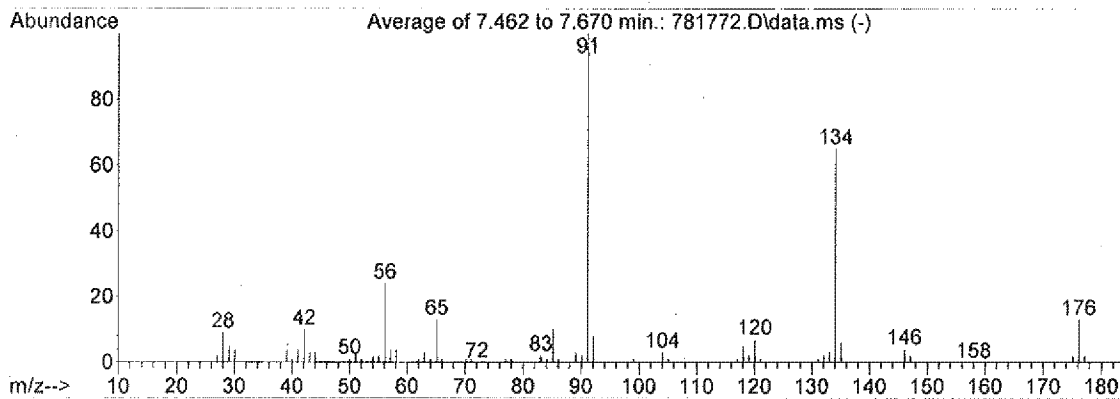
Ret. Time	Area	Area %	Ratio %
7.506	1791336	55.87	100.00
7.904	1414689	44.13	78.97

Information from Data File:

File Name : J:\04_11_11\781772.D
Operator : ASD
Date Acquired : 12 Apr 2011 9:47
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 72
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.51	C:\Database\NIST05a.L		
		1-Benzylpiperazine	002759-28-6	96
		1-Benzylpiperazine	002759-28-6	95
		Benzene, (2-methoxyethenyl)-, (Z)-	014371-19-8	47

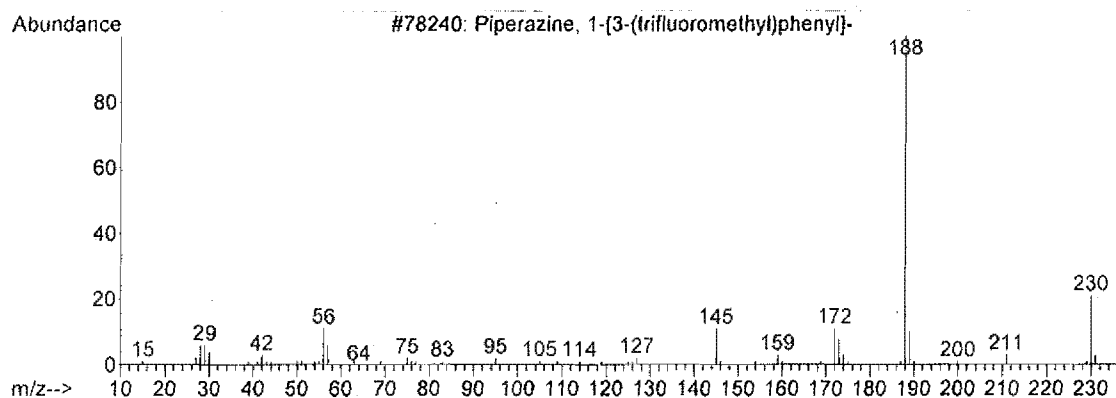
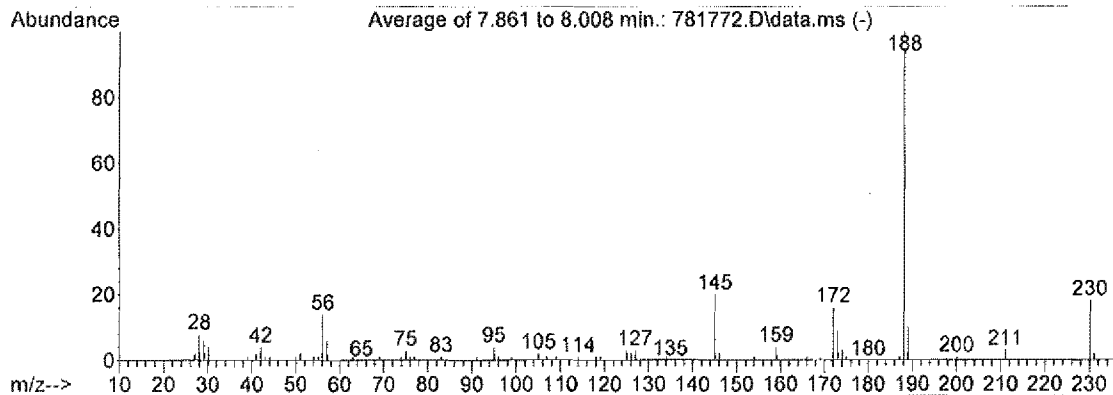


Information from Data File:

File Name : J:\04_11_11\781772.D
Operator : ASD
Date Acquired : 12 Apr 2011 9:47
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 72
AcquisitionMeth: TFMPP.M
Integrator : RTE

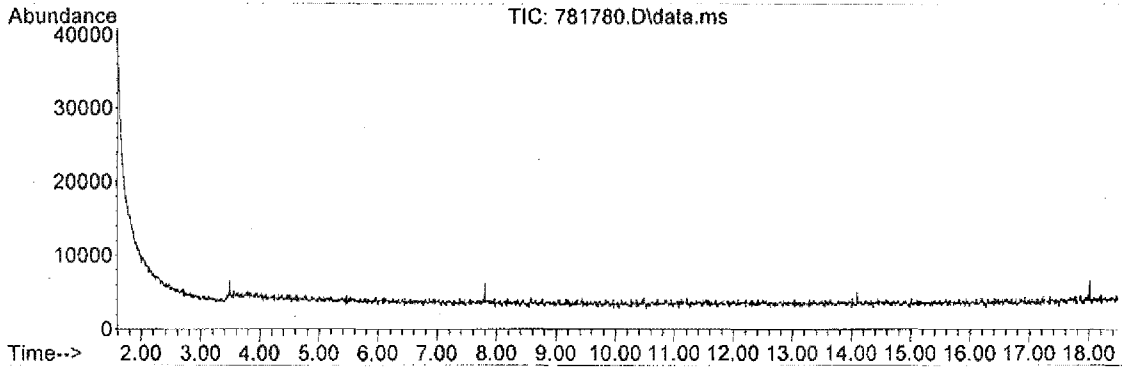
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.90	C:\Database\NIST05a.L		
		Piperazine, 1-[3-(trifluoromethyl)p	015532-75-9	95
		5-(2,4-Dimethyl-phenyl)-2H-pyrazol-	1000274-91-6	59
		Naphthalene, 1,4-dimethoxy-	010075-62-4	40



Information from Data File:

File Name : J:\04_11_11\781780.D
Operator : ASD
Date Acquired : 12 Apr 2011 12:39
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: TFMPP.M
Integrator : RTE

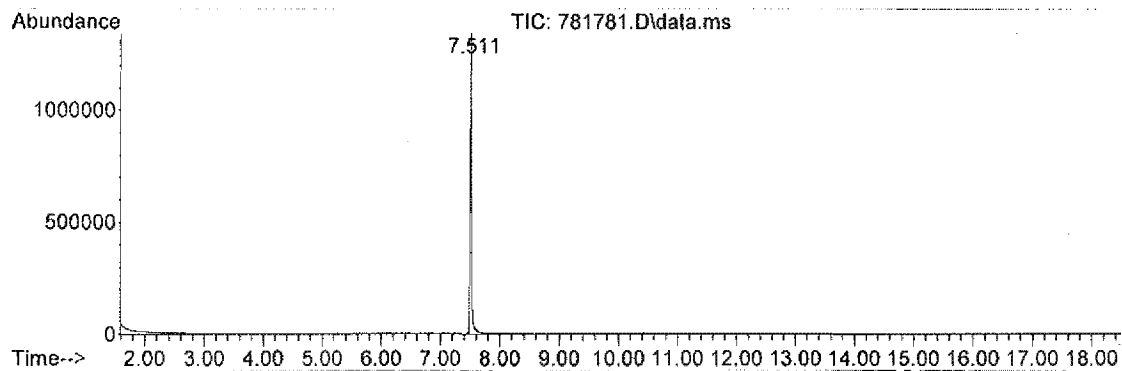


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : J:\04_11_11\781781.D
Operator : ASD
Date Acquired : 12 Apr 2011 13:00
Sample Name : BENZYLPIPERAZINE STD
Submitted by :
Vial Number : 9
AcquisitionMeth: TFMPP.M
Integrator : RTE



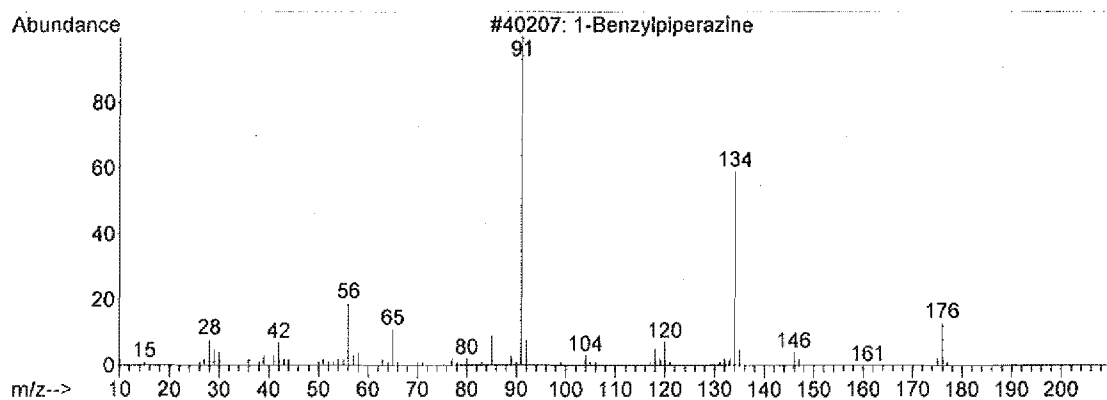
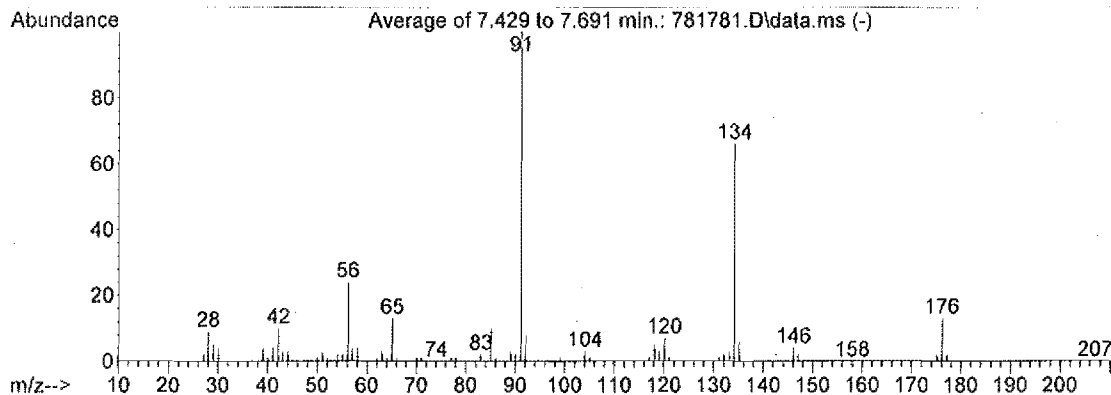
Ret. Time	Area	Area %	Ratio %
7.511	2295561	100.00	100.00

Information from Data File:

File Name : J:\04_11_11\781781.D
Operator : ASD
Date Acquired : 12 Apr 2011 13:00
Sample Name : BENZYLPIPERAZINE STD
Submitted by :
Vial Number : 9
AcquisitionMeth: TFMPP.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 75
C:\Database\PMW_TOX2.L

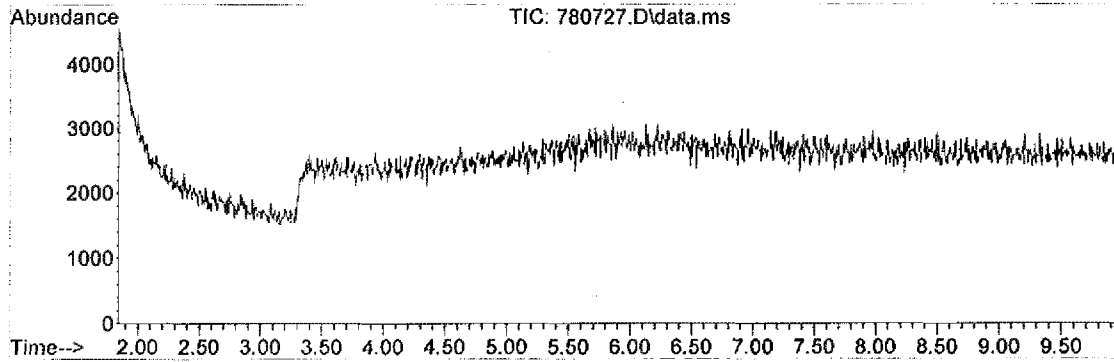
PK#	RT	Library/ID	CAS#	Qual
1	7.51	C:\Database\NIST05a.L		
		1-Benzylpiperazine	002759-28-6	96
		1-Benzylpiperazine	002759-28-6	95
		Benzene, 1-ethenyl-4-methoxy-	000637-69-4	47



Information from Data File:

File Name : D:\System8\04_05_11\780727.D
Operator : ASD
Date Acquired : 5 Apr 2011 13:28
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

✓ DJR
10-21-11

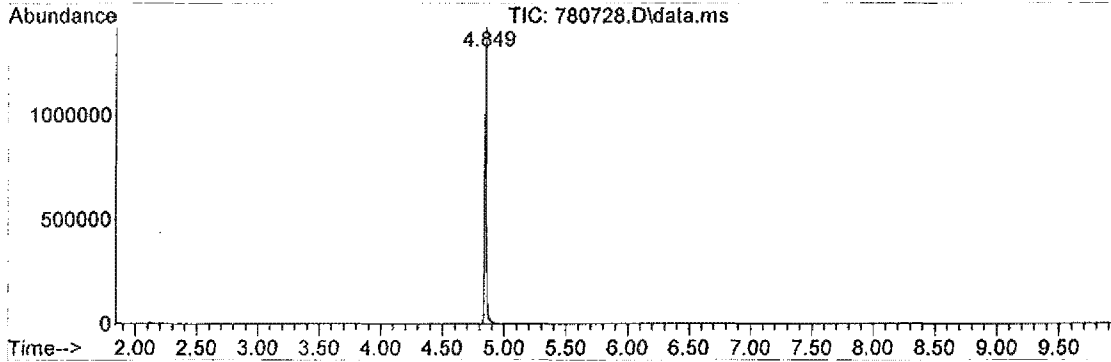


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : D:\System8\04_05_11\780728.D
 Operator : ASD
 Date Acquired : 5 Apr 2011 13:41
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



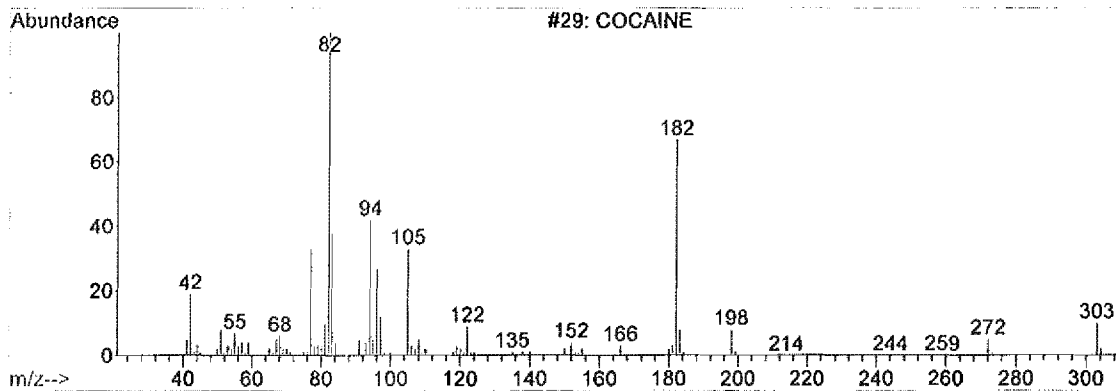
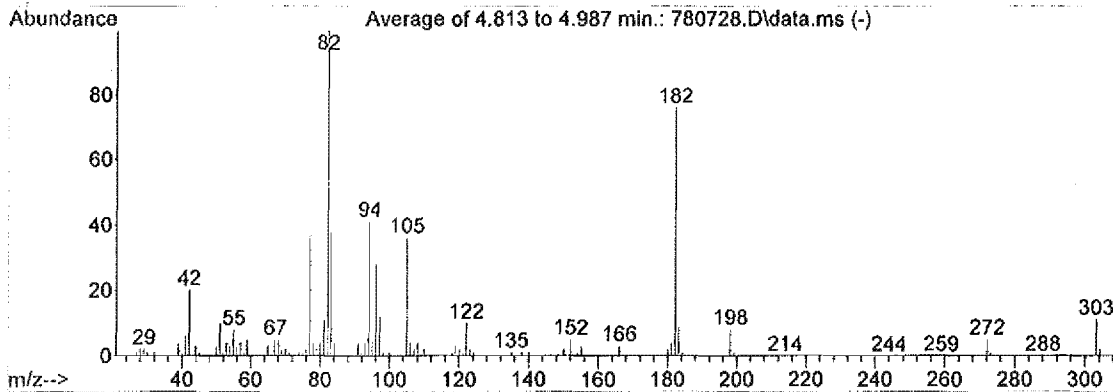
Ret. Time	Area	Area %	Ratio %
4.849	1358558	100.00	100.00

Information from Data File:

File Name : D:\System8\04_05_11\780728.D
Operator : ASD
Date Acquired : 5 Apr 2011 13:41
Sample Name : COCAINE STD
Submitted by : ASD
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

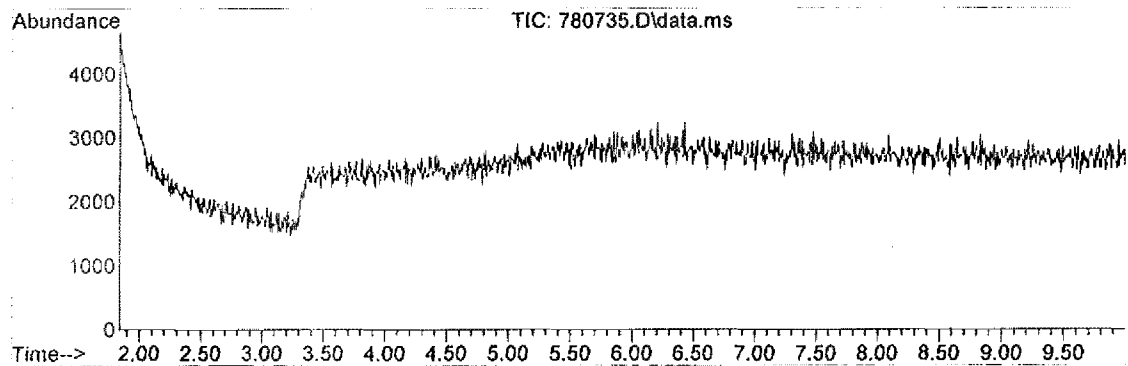
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.85	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : D:\System8\04_05_11\780735.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:12
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

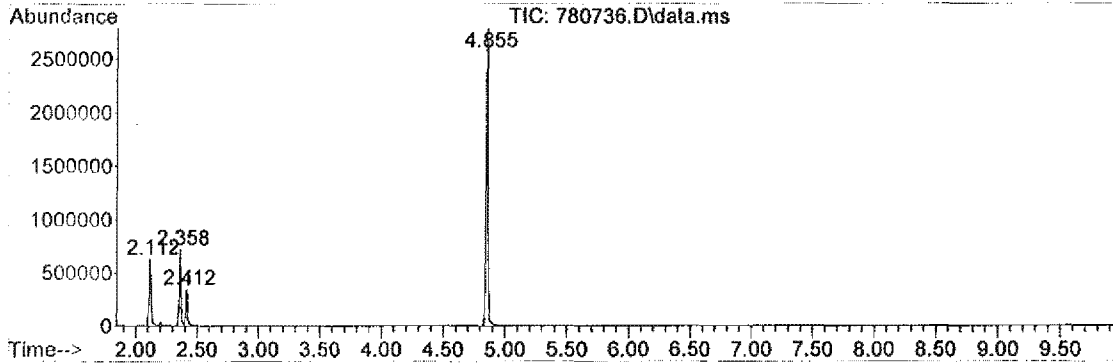


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : D:\System8\04_05_11\780736.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:25
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 36
AcquisitionMeth: DRUGS.M
Integrator : RTE



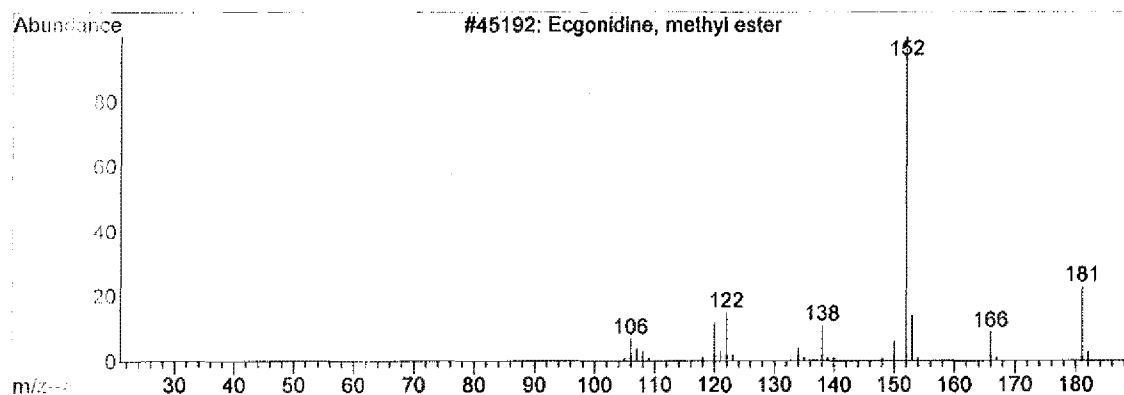
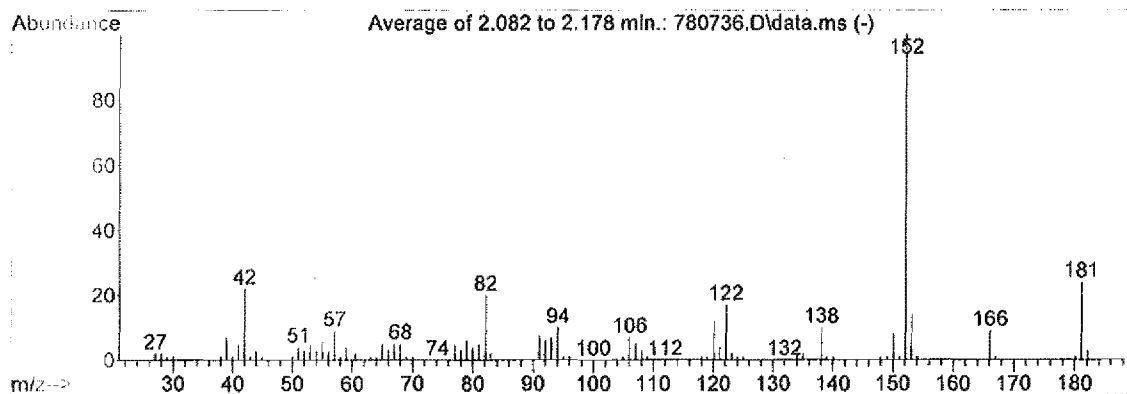
Ret. Time	Area	Area %	Ratio %
2.112	737861	14.76	22.94
2.358	682907	13.66	21.23
2.412	361640	7.23	11.24
4.855	3216158	64.34	100.00

Information from Data File:

File Name : D:\System8\04_05_11\780736.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:25
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 36
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.11	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	97
		5-Methyl-2-nitroaniline	000578-46-1	43

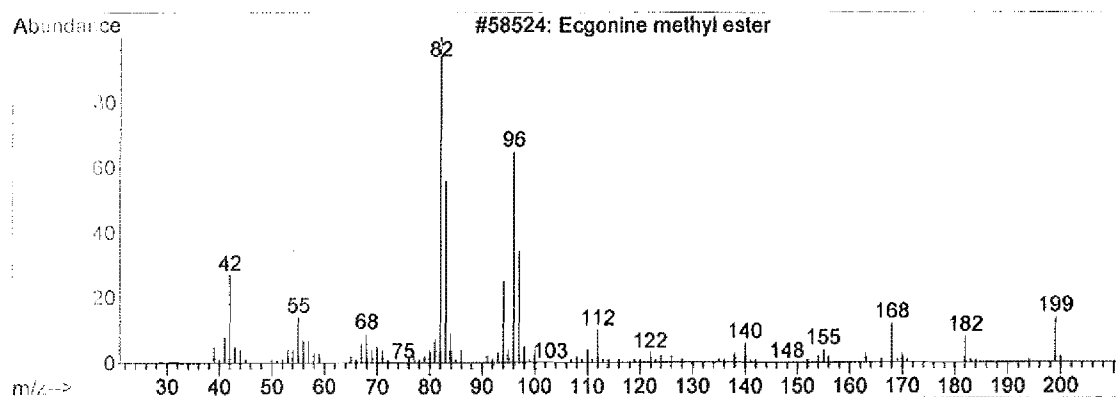
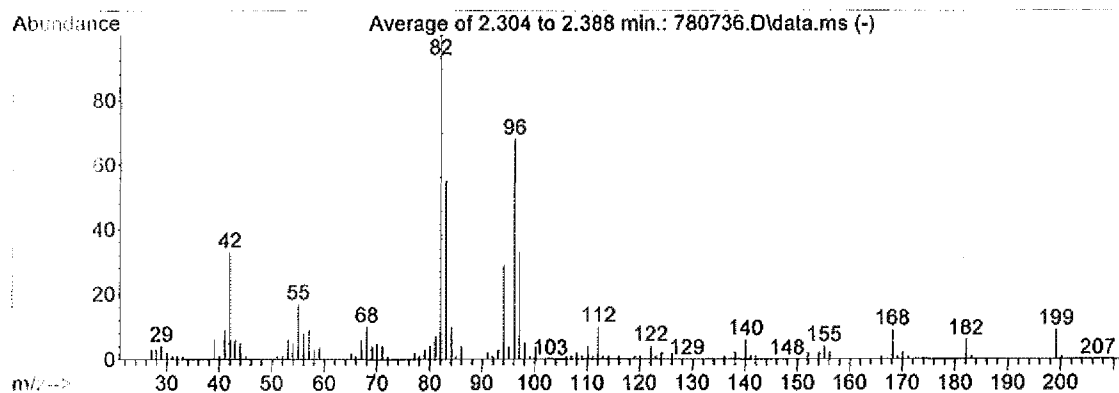


Information from Data File:

File Name : D:\System8\04_05_11\780736.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:25
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 36
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.36	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	98
		Pseudoecgonine methyl ester	099189-88-5	96
		Ecgonine methyl ester	106293-60-1	96

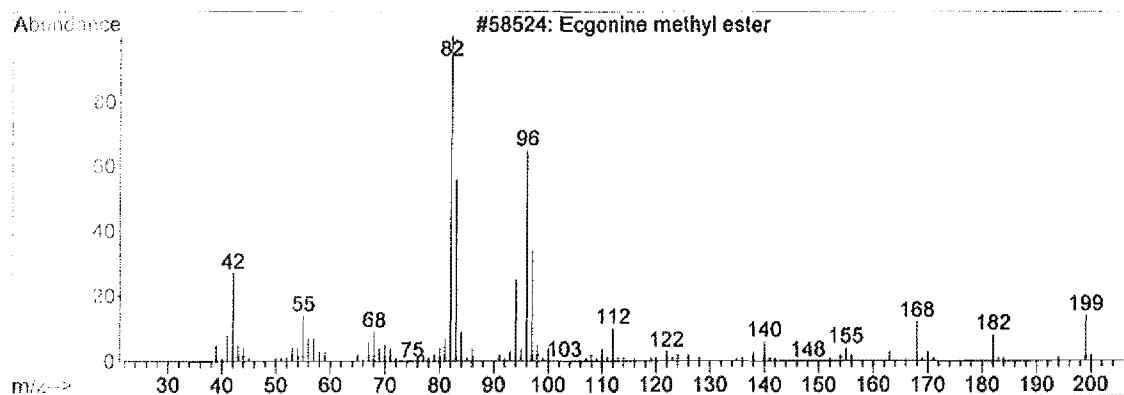
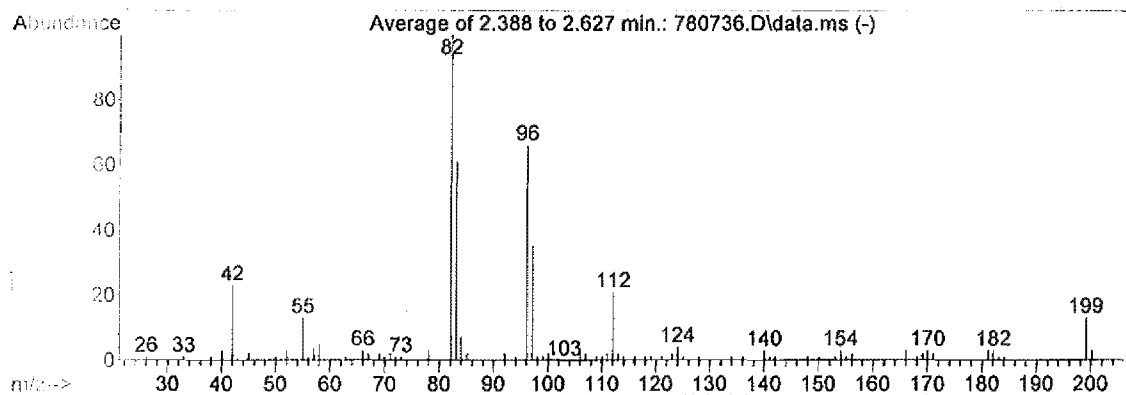


Information from Data File:

File Name : D:\System8\04_05_11\780736.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:25
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 36
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.41	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	87
		Ecgonine methyl ester	106293-60-1	81
		Pseudoecgonine methyl ester	099189-88-5	80

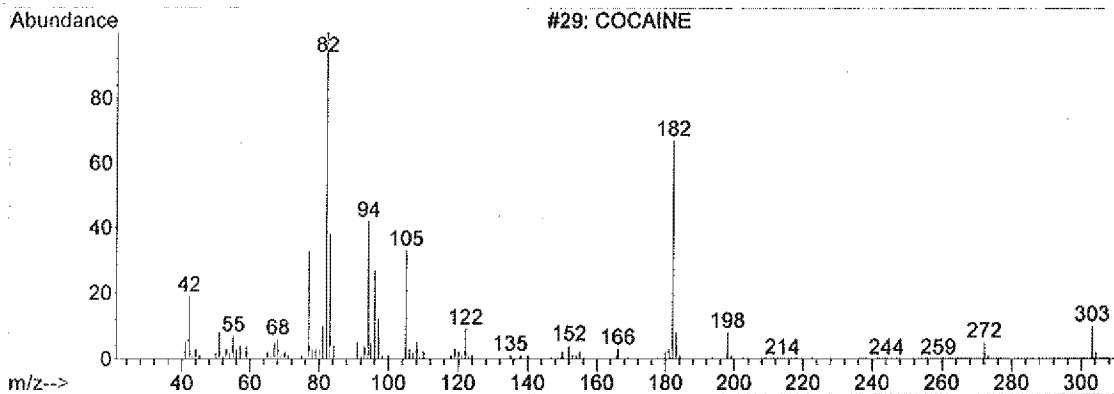
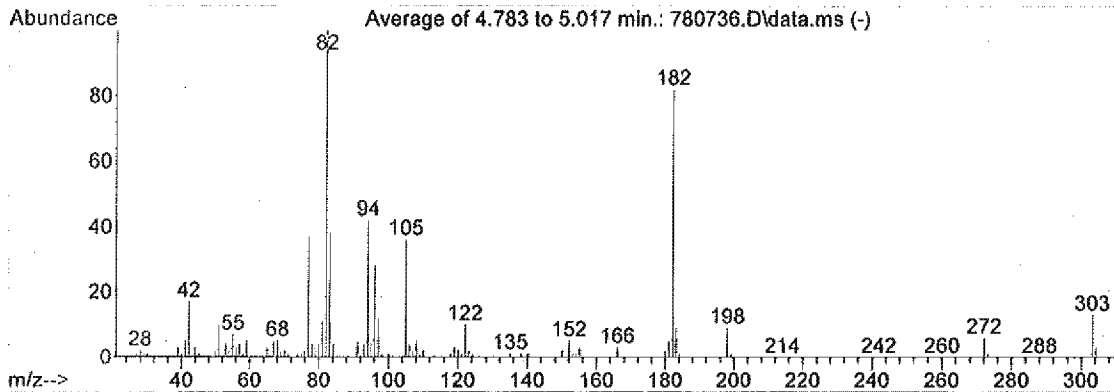


Information from Data File:

File Name : D:\System8\04_05_11\780736.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:25
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 36
AcquisitionMeth: DRUGS.M
Integrator : RTE

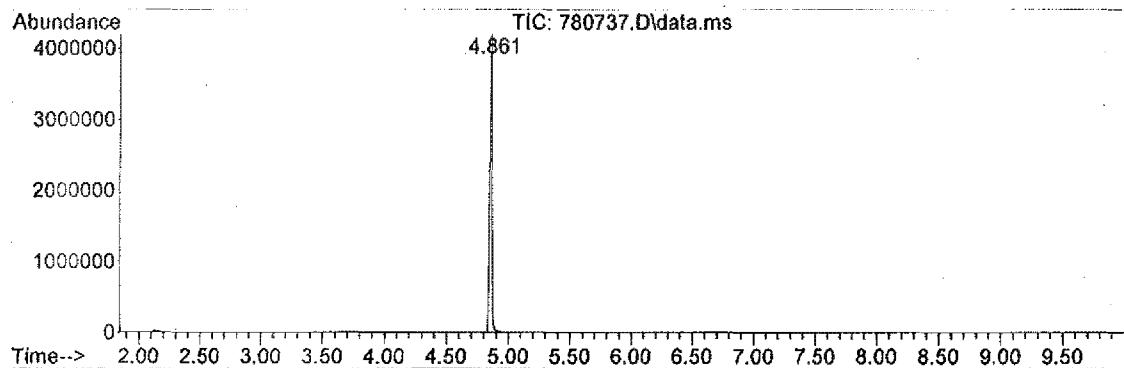
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.86	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : D:\System8\04_05_11\780737.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:38
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 37
AcquisitionMeth: DRUGS.M
Integrator : RTE



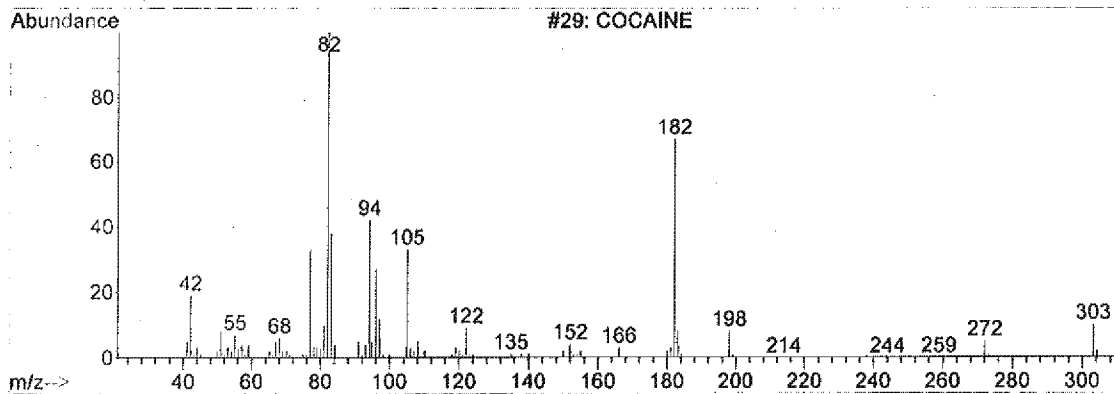
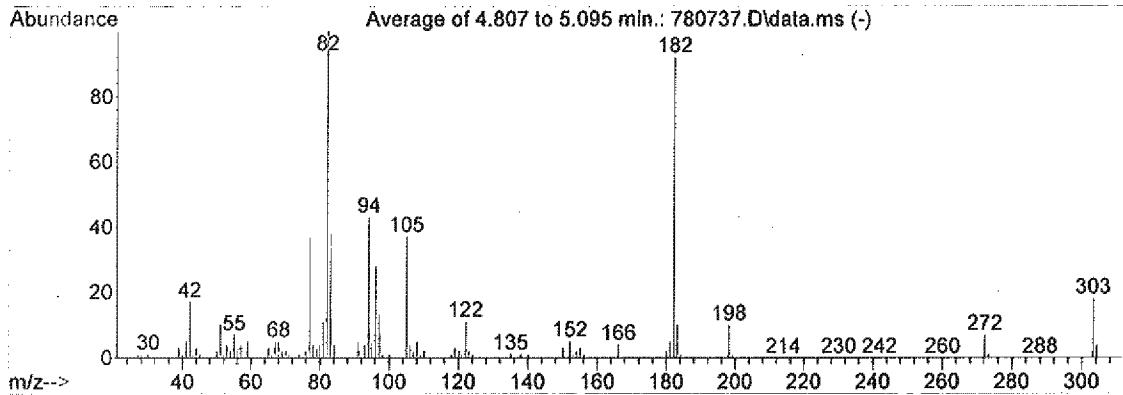
Ret. Time	Area	Area %	Ratio %
4.861	5470314	100.00	100.00

Information from Data File:

File Name : D:\System8\04_05_11\780737.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:38
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 37
AcquisitionMeth: DRUGS.M
Integrator : RTE

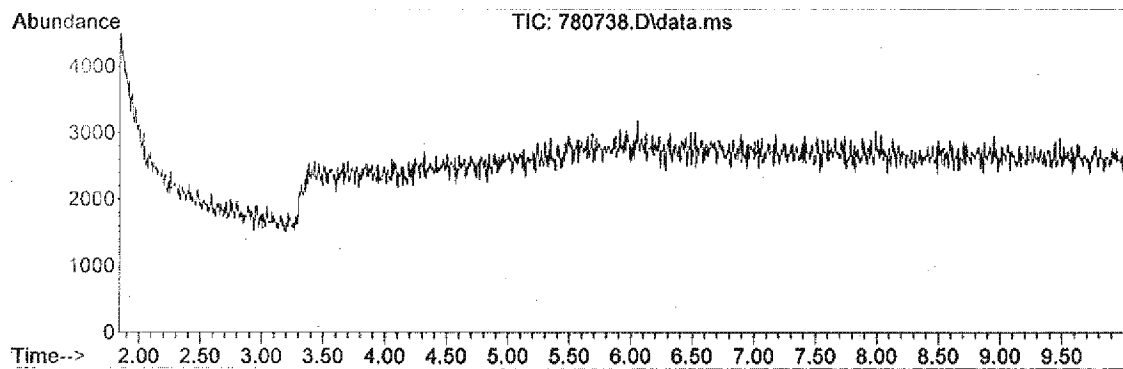
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.86	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : D:\System8\04_05_11\780738.D
Operator : ASD
Date Acquired : 5 Apr 2011 15:51
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

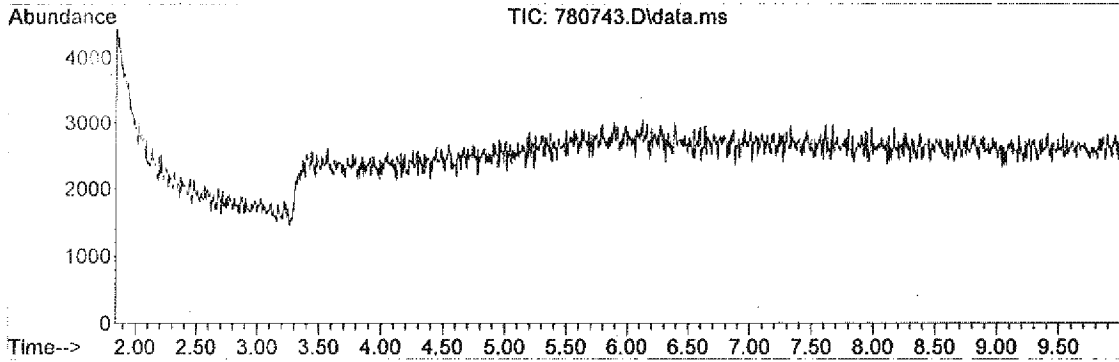


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : D:\System8\04_05_11\780743.D
Operator : ASD
Date Acquired : 5 Apr 2011 16:56
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

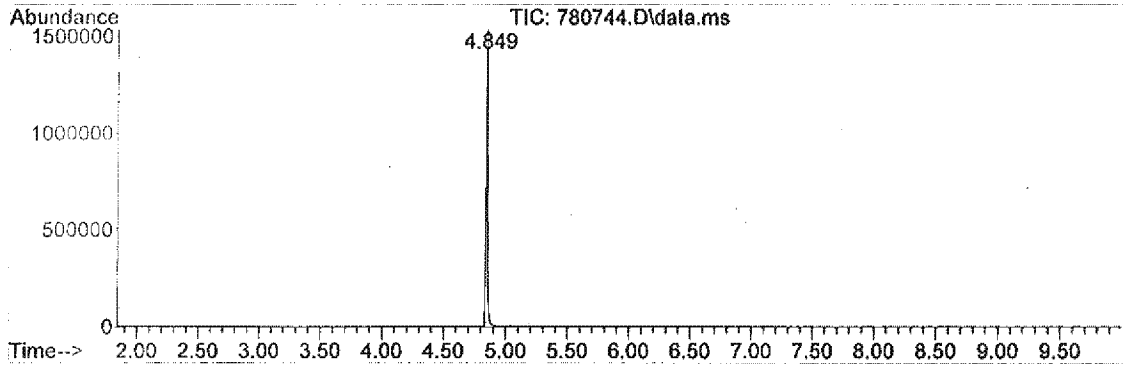


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : D:\System8\04_05_11\780744.D
Operator : ASD
Date Acquired : 5 Apr 2011 17:09
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.849	1440138	100.00	100.00

Information from Data File:

File Name : D:\System8\04_05_11\780744.D
Operator : ASD
Date Acquired : 5 Apr 2011 17:09
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.85	C:\Database\SLI.L COCAINE	000050-36-2	99

